Read the following papers:—

No. 519. From the Acting Superintending Engineer, 1st Division.
(Here enter No 2,097, dated 4th October 1871.)

No. 520. From do. do. do.
(Here enter No. 1,999, dated 28th September 1871.)

No. 521. From do. 2nd do.
(Here enter No. 69, dated 13th September 1871.)

No. 522. From do. do. do.
(Here enter No. 80, dated 29th September 1871.)

No. 523. From do. do. do.
(Here enter No. 108, dated 7th November 1871.)

No. 524. From do. do. do.
(Here enter No. 84, dated 14th October 1871.)

No. 525. From do. 3rd do.
(Here enter No. , dated 3rd October 1871.)

No. 526. From do. do. do.
(Here enter No. 4,649, dated 26th September 1871.)

No. 527. From do. do. do.
(Here enter No. 1,416, dated 30th October 1871.)

No. 528. From do. 4th do.
(Here enter No. 2,803, dated 7th October 1871.)

No. 529. From do. do. do.
(Here enter No. 2,613, dated 22nd September 1871.)

No. 530. From do. do. do.
(Here enter No. 3,353, dated 15th November 1871.)

No. 531. From do. 5th do.
(Here enter No. 142, dated 23rd September 1871.)

No. 532. From do. do. do.
(Here enter No. 143, dated 25th September 1871.)

No. 533. From do. 6th do.
(Here enter No. 668, dated 30th October 1871.)

No. 534. From do. do. do.
(Here enter No. 570, dated 23rd September 1871.)

No. 535. From do. 7th do.
(Here enter No. 125, dated 28th September 1871.)

No. 536. Form do. do. do.
(Here enter No. 149, dated 10th Octtober 1871.)

No. 537. From do. 8th do.
(Here enter No. 2,530, dated 11th October 1871.)

No. 538. From do. do. do.
(Here enter No. 4,659, dated 26th September 1871)

No. 539. From Special Executive Engineer Wynaad.
(Here enter No. 4,583, dated 25th September 1871.)

No. 540. From do. do.
(Here enter No. 487, dated 14th October 1871.)

No. 541. From do. do.
(Here enter No. 520, dated 4th November 1871.)

No. 542. From the Government of India.
(Here enter No. 579, A.G., dated 7th September 1871.)

No. 543. From the Collector of South Arcot.
(Here enter No. 67, dated 29th September 1871.)

No. 544. From the Do. of Salem.
(Here enter No. 2,792, dated 29th September 1871.)

No. 545. From the Government of India.
(Here enter No. 63, dated 28th October 1871.)

No. 546. From the Government of India.
(Here enter No. 64, dated 28th October 1871.)

No. 547. From do. do.
(Here enter, No. 250, A. I., dated 31st October 1871.)

No. 548. From do. do.
(Here enter No. 791, A. G., dated 3rd November 1871.)

No. 549. From the Controller of Public Works Accounts, Madras.
(Here enter No 2,055, dated 10th November 1871.)

No. 550. From the Director of Public Instructions.
(Here enter No. 2,050, dated 13th November 1871.)

No. 551. From the Controller of Public Works Accounts.
(Here enter No. 2,057, dated 10th November 1871.)

No. 552. From the Director of Public Instruction.
(Here enter No. 2,186, dated 2nd December 1871.)

No. 553. From the General Superintendent Public Works Stores and Workshops.
(Here enter No. 723, dated 18th December 1871.)

No. 554. From the Proceeding, Madras Government, Military Department.
(Here enter No. 4,001, dated 9th December 1871.)

No. 555. From the Controller of Public Works Accounts.
(Here enter No. 2,286, dated 9th December 1871.)

No. 556. From the General Superintendent, Public Works Stores and Workshop.
(Here enter No. 648, dated 18th November 1871.)

No. 557. From the Government of India.
(Here enter No. 4-A.-G., dated 2nd January 1872.)

No. 558. From the Controller of Public Works Accounts.
(Here enter No. 2,567, dated 19th January 1872.)

No. 559. From the Officiating President Municipal Commission.
(Here enter No. 326, dated 29th Septemter 1871.)

No. 560. ORDER THEREON, 29th January 1872, No. 269.

ACCOUNT, No. 47.

G. O., No. 2,950, dated 22nd November 1871.

IN their Circular of the 23th October 1871, No. 62, the Government of India made the following assignments to this Presidency for the ensuing official year on account of Imperial Public Works:—

			Rs.
Military			4,00,000
Agricultural	Ordinary		20,00,000
	Extraordinary		12,00,000
Civil Buildings	Telegraph		55,000
	Postal		15,000
Establishment for Military and other services			1,55,000
Tools and Plant for	do.		25,000

2. The grants under Ordinary and Extraordinary Agricultural works include the proportion of charges on account of Establishment and Tools and Plant necessary for those works, as also the State outlay in connection with the Madras Irrigation and Canal Company.

3. The following statement exhibits the manner in which the assignments made by the Government of India, inclusive of the State expenditure on Guaranteed Railways, have been distributed in the Imperial Budget, which is herewith circulated for the information and guidance of the department:—

Proceedings of the Madras Government, Public Works Department,
29th January 1872.

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete Works.		Total of two previous columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.*		
			Rs.		Rs.		Rs.	Rs.	Rs.
New Works	Military	12	88,000	2	52,000	14	1,40,000	40,000	1,80,000
	Civil buildings (Postal and Telegraph buildings)	2	52,500	...	.....	2	52,500	13,000	65,500
	Agricultural, Ordinary	3	1,25,000	2	1,30,000	2	1,30,000	1,20,200	2,50,200
	Do. Extraordinary.			13	7,52,000	16	8,77,000	.....	8,77,000
	Total ...	17	2,65,500	17	9,34,000	34	11,99,500	1,73,200	13,72,700
Repairs	Military	...	.....	...	.....	...	.....	.....	2,20,000
	Civil buildings (Postal and Telegraph buildings)	...	.....	...	.....	...	.....	.....	4,500
	Agricultural, Ordinary	...	.....	...	.....	...	.....	.....	12,00,000
	Total...	...	.....	...	.....	...	.....	.....	14,24,500
Establishments exclusive of proportion chargeable to Provincial and Local Funds		...	.....	...	.....	...	.....	.....	8,80,600
Tools and Plant do. do.		...	.....	...	.....	...	.....	.....	56,200
Madras Irrigation and Canal Company—State Outlay		...	.....	...	.....	...	.....	.....	16,000
Railways		...	.....	...	.....	...	.....	.....	3,40,100
	Total ...	...	.....	...	.....	...	.....	.....	40,90,100

4. As the assignment under Military was a lakh of rupees below that originally made to this Presidency for the current year and Rupees 40,000 less than even the reduced grant for 1871-72, and as the demands for New Works aggregated nearly 16 lakhs, while the existing allotments for repairs were manifestly inadequate, it became necessary to request the opinion of His Excellency the Commander-in-chief on the best mode of utilizing the small grant for Original Works, and the works entered in the Budget are those which have been selected by His Excellency. The special attention of the Government of India will be drawn to the inadequacy of the Military assignment for Public Works; but it is necessary to inform Superintending Engineers that as the Reserve for 1872-73 is only Rupees 22,000 after deducting allotments placed at the disposal of Superintending Engineers for Minor New Works, their demands from that source after 1st April should be confined to absolutely indispensable requirements.

5. Under Civil Buildings the works entered in the Budget are those ordered by the Government of India to be included, and the provision for Minor Works and Repairs is that fixed by them.

6. A special representation has been made to the Government of India regarding the insufficiency of the grant for Agricultural Repairs. From the sum of Rupees 14,50,200 which is available for outlay on works it has not been practicable to make a larger allotment than that for the current year for Repairs, and as it is necessary to provide for the Madras Water Supply and Chembrumbaukum Projects from the ordinary grant, no provision has been made for the completion or commencement of any other irrigation works, and the question of allotting funds for them from the Reserve will be considered after 1st April next.

7. The following grants are authorized from the Reserve under Military and Agricultural to meet demands on account of Minor New Works :—

Districts.	Military.	Agricultural.	Total.
	RS.	RS.	RS.
Ganjam ...	.....	1,000	1,000
Vizagapatam ...	300	500	800
Godavery ...	300	6,000	6,300
Kistna ...	.....	5,000	5,000
Nellore...	.....	5,000	5,000
Cuddapah ...	.....	4,000	4,000
Kurnool ...	400	2,000	2,400
Bellary...	3,000	4,000	7,000
Presidency ...	3,000	.....	3,000
Chingleput ...	1,500	5,000	6,500
North Arcot ...	300	6,000	6,300
South Arcot ...	.....	6,000	6,000
Salem ...	200	2,000	2,200
Bangalore ...	3,000	.....	3,000
Tanjore ...	.....	10,000	10,000
Trichinopoly ...	1,700	3,000	4,700
Coimbatore ...	500	2,500	3,000
Neilgherries ...	1,000	.....	1,000
Malabar ...	2,000	500	2,500
South Canara ...	300	.....	300
Madura ...	.....	3,000	3,000
Tinnevelly ...	500	7,500	8,000
Total...	18,000	73,000	91,000

8. These sums will be at the disposal of local officers on the 1st April 1872, and deducting them from the total provision for Minor Works Imperial, the balances at the disposal of Government will be as follows :—

		RS.
Military		22,000
Agricultural		47,200
Civil Buildings	Postal	10,000
	Telegraph	3,000
Total ...		82,200

9. Under Repairs Imperial the aggregate Budget provision for 1872-73 is Rupees 14,24,500 distributed as follows :—

Districts.	Military.	Civil Buildings, Postal and Telegraph Departments.	Agricultural.
	RS.	RS.	RS.
Ganjam	820	200	22,500
Vizagapatam	8,900	200	8,500
Godavery	.....	200	1,55,000
Kistna	700	200	75,900
Nellore	.....	200	56,000
Cuddapah	.....	200	70,000
Kurnool	.....	200	20,000
Bellary	25,000	200	51,500
Presidency	66,147	200	3,000
Chingleput	24,350	200	95,000
North Arcot	3,610	100	1,10,000
South Arcot	.....	.....	1,11,500
Salem	2,850	200	35,000
Bangalore	44,405	500	.....
Tanjore	.....	200	1,45,000
Trichinopoly	9,618	200	71,000
Coimbatore	400	200	48,000
Neilgherries	9,200	200	.....
Malabar	20,000	200	1,100
Wynaad	.....	200	.....
South Canara	1,300	100	.....
Madura	.....	200	41,000
Tinnevelly	2,700	200	80,000
Total...	2,20,000	4,500	12,00,000

10. Considering the improbability of the new scheme of Public Works Establishments recently submitted to the Government of India being brought into operation in 1872-73, Part IV. of the Budget has been prepared with reference to the existing organization. The amount entered for Establishments is in round numbers Rs. 20,75,600 or Rupees 91,890 in excess of the estimate for the current year. This is due chiefly to the whole of the pay and allowances of Military Officers having to be met by this department under a recent ruling of the Financial Department of the Government of India as also to the provision made on account of the pay of the Under Secretary in this Department, which appointment has,

with the sanction of the Government of India, been revived. Of the sum of Rupees 20,75,600, Rupees 6,78,800 will be charged to Imperial, Ordinary, Rupees 2,01,800 to Extraordinary, and Rupees 11,95,00 to Provincial and Local.

11. The estimate for Tools and Plant amounts in the aggregate to Rupees 56,200 as follows:—

		RS.
Ordinary	London Supplies	10,000
	Stores to be purchased and charges for repairs and carriage to be incurred in India	25,000
Extraordinary	do. do.	21,200
	Total ...	56,200

12. The distribution of the sum of Rupees 25,000 is as follows:—

Proceedings of the Madras Government, Public Works Department,
29th January 1872.

Districts or Departments.	Supplies. Tools.	Supplies. Office furniture.	Supplies. Camp Equipage.	Supplies. Live Stock.	Supplies. Total.	Repairs & carriage from place to place.	Grand Total.
Ganjam	200	.....	.....	.....	200	30	230
Vizagapatam	200	.....	.....	.....	200	30	230
Godavery	900	.....	.....	.....	900	50	950
Kistna	500	.....	.....	.....	500	200	700
Nellore	100	.....	.....	.....	100	100	200
Cuddapah	150	.....	.....	.....	150	50	200
Kurnool	150	.....	.....	.....	150	50	200
Bellary	150	.....	50	.....	310	120	430
Presidency	100	110	.....	.....	300	100	400
Chingleput	200	200	150	.....	550	50	600
North Arcot	100	90	.....	.....	190	50	240
South Arcot	30	.....	.....	.....	30	20	50
Salem	500	.....	.....	.....	500	200	700
Bangalore	200	.....	.....	.....	200	70	270
Tanjore	300	130	150	.....	580	150	730
Trichinopoly	250	.....	.....	.....	250	150	400
Coimbatore	150	.....	.....	.....	150	70	220
Neilgherries	80	.....	.....	.....	80	100	180
Malabar	100	200	.....	.....	800	150	950
Wynaad	240	...	.....	.....	240	100	340
South Canara	250	.....	.....	.....	250	150	400
Madura	5,000	730	350	.....	6,780	2,140	8,920
Tinnevelly	.....	50	.....	.....	1,080	15,000	16,080
Total...	5,000	780	350	.....	7,860	17,140	25,000
General Superintendent of the Public Works Store Department	.....	.....	.....	.....	.....	.....	.....
Grand Total...	5,000	780	350	.....	7,860	17,140	25,000

Districts or Departments.	Surveying and Mathematical Instruments.	Machinery.	Plant.	Total.
Ganjam	.....	.....	.....	.....
Vizagapatam	.....	.....	.....	.....
Godavery	.....	.....	.....	.....
Kistna	.....	.....	.....	.....
Nellore	.....	.....	.....	.....
Cuddapah	.....	.....	.....	.....
Kurnool	.....	.....	.....	.....
Bellary	.....	.....	.....	.....
Presidency	.....	.....	.....	.....
Chingleput	.....	.....	200	200
North Arcot	.....	.....	.....	.....
South Arcot	.....	.....	.....	.....
Salem	.....	.....	.....	.....
Bangalore	.....	.....	.....	.....
Tanjore	.....	.....	.....	.....
Trichinopoly	.....	.....	.....	.....
Coimbatore	.....	.....	.....	.....
Neilgherries	.....	.....	.....	.....
Malabar	.....	.....	.....	.....
Wynaad	.....	.....	500	500
South Canara	.....	.....	.....	.....
Madura	.....	.....	.....	.....
Tinnevelly	.....	.....	.....	.....
Total...	.....	.....	700	700
General Superintendent of the Public Works Store Department	1,030	.....	.....	1,030
Grand Total...	1,030	.....	700	1,730

13. The amounts included in the Budget on account of State Expenditure on Railways, and in connection with the Madras Irrigation and Canal Company are as follows:—

—	For Land.	For Establishment.	Total.
	RS.	RS.	RS.
Railway Company	2,59,700	80,400	3,40,100
Madras Irrigation and Canal Company	11,000	5,000	16,000
Total...	2,70,700	85,400	3,56,100

14. The outlay proposed from Imperial Funds is shown in the following abstract:—

Items.	Military.	Civil Buildings.	Agricultural, Ordinary.	Agricultural, Extraordinary.	Total Imperial.
	RS.	RS.	RS.	RS.	RS.
Part II.—New Works	1,40,000	52,500	1,30,000	8,77,000	11,99,500
Grant for Minor Works	40,000	13,000	1,20,200	.....	1,73,200
Part III.—Repairs	2,20,000	4,500	12,00,000	.....	14,24,500
Total for New Works and Repairs.	4,00,000	70,000	14,50,200	8,77,000	27,97,200
Part IV.—Establishments ...	.....	.....	.....	.....	8,80,600
Part V.—Tools and Plant ...	.....	.....	.....	.....	56,200
Part VI.—Madras Irrigation and Canal Company—State Outlay...	.....	.....	.....	.....	16,000
Do. Railways do. ...	.....	.....	.....	.....	3,40,100
Grand Total ..	4,00,000	70,000	14,50,200	8,77,000	40,90,100

15. The funds that will be at the disposal of the Local Public Works Officers for expenditure after 1st April next are as noted below :—

Districts.	Original Works, Major.	Minor Works estimated at less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.	RS.
Ganjam ...	25,000	1,000	23,520	230	49,750
Vizagapatam	15,830	800	17,600	230	34,460
Godavery	3,02,500	6,300	1,55,200	950	4,64,950
Kistna	1,20,000	5,000	76,800	700	2,02,500
Nellore	1,15,000	5,000	56,200	200	1,76,400
Cuddapah	.....	4,000	70,200	200	74,400
Kurnool	.....	2,400	20,200	200	22,800
Bellary	.....	7,000	76,700	200	83,900
Presidency	50,000	3,000	69,317	100	1,22,417

Districts.	Original Works, Major.	Minor Works estimated at less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
	RS.	RS.	RS.	RS.	RS.
Chingleput	1,42,860	6,500	1,19,550	430	2,69,340
North Arcot	...	6,300	1,13,710	400	1,20,410
South Arcot	60,000	6,000	1,11,500	600	1,78,100
Salem	.....	2,200	38,050	240	40,490
Bangalore	92,020	3,000	44,905	50	1,39,975
Tanjore	1,16,000	10,000	1,45,200	700	2,71,900
Trichinopoly	3,380	4,700	80,818	270	89,168
Coimbatore	...	3,000	48,600	730	52,330
Neilgherries	15,910	1,000	9,400	400	26,710
Malabar	.....	2,500	21,300	220	24,020
Wynaad	.....	.....	200	180	380
South Canara	.....	300	1,400	950	2,650
Madura	50,000	3,000	41,200	340	94,540
Tinnevelly	91,000	8,000	82,900	400	1,82,300
General Superintendent of the Public Works Store Department	.....	.....	.....	16,080	16,080
Total...	11,99,500	91,000	14,24,500	25,000	27,40,000

16. Budgets of works to be carried out from Provincial and Local Funds will be separately issued.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the Chief Engineer for Irrigation.
,, Superintending Engineers.
To Major R. B. Kennedy.
To the Controller of Public Works Accounts.
,, Consulting Engineer for Railways.
,, General Superintendent of Public Works Stores and Workshops.
To Mr. R. Smith, Executive Engineer, on special duty.
To the Public, etc. Departments.
,, Revenue Department.
,, Military Department.
,, Board of Revenue.
,, Accountant-General.
,, Director of Public Instruction.

Exd. S. T. Augustin.

No. 2097

Dupl. Engrs Office Vizagapatam
Dowlaiswaram 4 Oct. 1871

From

Major J. P. Fischer RE.
Superintending Engineer

To,

Colonel J. Carpendale RE.
Secretary to Government P.W.D.
Madras.

Sir,

I have the honor to submit my Budget Estimates as per Margin for the ensuing Official year.

2. The Amounts required for each of the 5 Districts comprising this Division on account of original works, Minor new works and Repairs under the several Budget Heads are shown in the following Abstract.

District	Heads of Service	Military	Civil Buildings	Agricultural	Communications	Miscellaneous Public Improvements	Total	Grand Total of each District	Imperial	Provincial
Ganjam	Original Works	"	42,595	100,000	138,900	3,800	285,295			
	M.R. Works	300	400	5,000	"	"	5,700			
	Repairs	820	4,500	32,000	5,200	"	42,520	334,815	139,520	194,995
	Tools & Plant	"	"	"	"	"	1,800			
Vizagapatam	Original Works	15,000	85,631	8,312	76,270	"	185,213			
	M.R. Works	1,000	800	4,000	"	"	5,800			
	Repairs	8,900	2,300	20,000	2,000	300	32,500	227,863	57,812	170,051
	Tools & Plant	"	"	"	"	"	1,350			
Godavery	Original Works	"	151,377	480,490	"	"	631,867			
	M.R. Works	"	600	19,200	"	"	19,800	912,317	748,090	164,227
	Repairs	"	8,000	20,000	6,800	15,000	225,500			
	Tools & Plant	"	"	"	"	"	35,150			
								1,474,695	942,422	532,273

3. The demand for original Works in each District it will be seen, is more than the grant provided in the Current year's Budget. The excess is chiefly due to Agricultural Extraordinary Works, Navigable Canals and Subsidiary Public Buildings for which large sums have been provided in the Budget.—

4. The sums proposed to be spent under the Head Minor New Works for the Ganjam, Vizagapatam and Godavery Districts are in excess of the grants in the Current year's Budget for this purpose. This excess is owing to Revised Estimates for Works which were considered really necessary, having had to be returned to Range Officers for want of funds in this year.—

5. The assignment for repairs Tools and Plant is increased, and the reasons explanations in each case will be found in part III where additions

additions are made

I have the honor to be
Sir
Your most Obed.t Serv.t

Wm. T. Trevor Major R.E.
Actg Superintending Engineer

Godavery

Part III Repairs

Detail of Estimate for Repairs for 1872/73

	Estimate for 1872/73 Amount	Total	Estimate for 1871/72 Amount	Total	
Civil Buildings					
Minor Repairs to Revenue & civil buildings	4,500		4,500		
Do to Police stations	300		300		
House Rent to Medical subordinates in Civil employ.	300		300		
		5,100		5,100	
Communications					
Roads in the Rumpah Country	5000		5000		This grant was provided in the Road Fund Budget for 1871/72 but as Rampah Country is Provincial territory like Jeypore and Ganjam it has been transferred to this List.
		5000		5000	
Mis: Public Improvements					
Repairs to Cocanada Harbour.	15,000		7,835		This sum is required for the Dredging operations at the Cocanada Harbour & will be in request progress after the new Dredger for the Sea Dredge come to hand.
		15,000		7,835	
Tools and Plant	150		0		
		150		0	
		25,250		12935	

× new Settlements

Dated Rajahmundry
3rd October 1871

Lieut. Trevor Major R.E.
Acting Supt. Engr 1st Division

Dy Director of Revenue Accounts
Madras

Major R.E. Superintending Engineer
R.D. Division

Clerk of Cocanada R.R.
Secretary to Government
Madras

Dated 9th October 1871
Received 9th —

No 2097

Estimate Budget
Rajahmundry
for the Official
year 1872/73.

No 2692 Ba — 29 July 72

Gangaum

Part III Repairs

Detail of Estimate for Repairs for 1872/73.

	Estimate for 1872/73		Estimate for 1871/72		
	Amount	Total	Amount	Total	
Civil Buildings.					
Annual Repairs & Renewal &c Buildings	2,000		2,000		
Do to Police Stations	600		600		
Do to Buildings in Khonds Inaliahs	500		500		
Houserent to Medical subordinates in civil employ	1000		600		* This sum is not sufficient for the purpose.
		4,100		3,700	
Communications					
Roads in the Khond Inaliahs in Ganjam and thence to Coorada in the low country	* 5200		⊗ 5200		* Entered at the request of the Collector. ⊗ This item was provided in the Road Fund Budget for the Official year 1871/72
		5200		5200	
		9,300		8,900	

Dowlaishweram
2nd October 1872

Wm. Haig Major R.E.
Supt Engineer 1st Division

Vizagapatam
Part III Repairs
Detail of Estimate for Repairs for 1872/73.

	Estimate for 1872/73. Amount	Total Amount	Estimate for 1871/72 Total
Civil Buildings			
Minor Repairs to Revenue } Jeypore Buildings	1,900		1800
Do. to Police Stations	600		600
House rent to Medical subordinates in Civil Employ	600		600
		3,100	3,000
Communications			
Petta Ghat and other Roads in the Jeypore Country	3,000	3,000	3000
Misc: Public Improvements			
Minor Repairs	300	300	300
Tools and Plant	950	950	0
x New Supplies 550 / Repairs 400			
		7,350	6,300

x This grant was provided in the Road fund Budget for 1871/72 But the Collector has excluded the item from the Revised Road fund Budget for the same Year - as Jeypore is provincial territory

Dowlaiswaram
3d October 1871.

Major RE
Actg Supt Engineer 1st Division

List showing the sums to be contributed by Govern-
-ment from Imperial funds being a moiety for Bridges
Irrigation Channels which cross District Fund Roads

Roads	Amount	Amount to be contributed from Imperial	Remarks
Second (District fund Roads	2916		Sanctioned in G.O. No 116 dated 27th April 1870.
Road from Kondavidu Lock to Seramidu	19200	1569	G.O. No 28 of 5th January 1870
Road from Seramidu to Vijeawaram	24600	3003	G.O. No 2774 of 24th Oct. 1869
Several works on Roads Namely Lock to Kota Vijeawaram and from Ra-jahmundry to Rajavole	1700	13,960	G.O. No 2969 of 9th Dec. 1869.
(Pentakapadu) Road	12,000	5833	(Application already made to the Board of Revenue)

Total C. 33490

Statement showing the sums to be contributed by Government from Provincial funds being a moiety for Bridging the Channels in Provincial Cross District funds Roads.

Bridges

Roads	Amount Estimated	Amount to be contributed from Provincial	Remarks.
Road from Chadawaram to Anhapilly	41,000	1169	
Branch Road from Subbarayan via Addur to Anhapilly and Chadawaram Road	32,600	496	
Road from Anhapilly to Poonagapaka and from Poonagapaka to Pondamadaka	40600 / 17,345	3490	
Road from Ramabhadra puram to Pachipenta	41,730	552	
Road from Vizianagram to Gajapatinagram	38,480	2605	
		8312	

Ganjam District
Part II

Detail of Estimate for original works for 1872/73.

4: Division	Project						Remarks and References
	No.	Locality	Description	Amount of Estimate	Completed Expenditure upto 31st March 1872	Amount of Estimate for 1872/73	
			Agricultural				
	1		Rooshikulia Project			100,000	Budget of 1871/72 Item No 26
			Minor Works below 500 Rs				
			Military Agricultural Total				
			300 " 5,000 " 5,300				

Darlairmanum
2d October 1871

Lieut. Hutchinson Major Rl
Acting Supg Engineer 1st Div

Godavary District

Part III. Repairs

Detail of Estimate for Repairs for 1872-73.

	Estimate for 1872-73	Estimate for 1871-72.		
	Amount	Total Amount	Total	
Civil Buildings				
Minor Repairs to Postal and Telegraph Buildings	400 *	400	180	180 * This grant is required to meet the demands by Range Officers.
Agricultural				
Repairs to Irrigation Channels, Tanks Dykes and Drainages	200000 *	200000	155000	155000 * This allotment is absolutely necessary as Government are aware that the demands under this Head are numerous.
Tools and Plant				
Extraordinary	35000 *			* Most part of this sum is required to meet the cost of new Plants.
Ordinary	1900			
new Supplies	8100			
Repairs	250000			
		35000	212000	
Total		235400	176380	

Dowlaiswaram
3d October 1871.

Wm. T. Hirtzel Major R.E.
Ag. Superintending Engineer 1st Div.

Godavery District

Detail Estimate for original Works for 1872/73

D

Executive Division	No	Locality	Description	Amount of Estimate	Computed expenditure upto 31st March 1872	Amount of Estimate for 1872/73.	Remarks or References
			Civil Buildings				
	1	Cocanada	Constructing Telegraph Office	17000	10000	7,000	Budget of 1871/72 Item No 19 Estimate Sanctioned in G.O. No 288 dated 31st January 1871.
	2	Rajahmundry	Do Do	7,900	5000	2900	Budget of 1871/72 Item No 20 Estimate Sanctioned in G.O. No 1996 of 29th July 1871.
			Total Civil Buildings			9,900	
			Agricultural				
	3	Eluru Canal Extension of Irrigation		249500	250,000	100,000	Budget of 1871/72 Item No 25
		Western Delta	Do Do	990,300			
			Navigation Canal from Eluru Canal to Ryaroo	70,460			
	4	Eastern Delta	Extension of Irrigation	1080800	236,000	100,000	Do of 1871/72 Item No 26
	5	Central Delta	Extension of Irrigation	600,000	"	100,000	Estimates were forwarded with letter No 2912 dd 29th Decr 1870.
	6		Additional Surplus Weir for regulating water at head of Eluru Canal & for raising Cheliputtalam	114,000	"	114,000	Estimate was sanctioned in G.O. No 844 dated 21st April 1871
						44,4000	

Galway District

Abstract Estimate for Original Works for 1872/73

D

Executive Division	Project		Amount of Estimate	Computed expenditure to 31st March 1872	Amount of Estimate for 1872/73	Remarks or References
	No	Locality Description				
		Brought over	414,000			
	7	Continuing Dredging Sluice at the Head of Ballinasloe Canal	2630 "		2630	Estimate was sanctioned in G.O. No 1149 dated 26th April 1871.
	8	Filling up Quarry Channel this Day Caisman and Bridge	7,380 "		7,350	Estimate was forwarded with letter No 2157 dated 21st September 1870 but not sanctioned for want of funds See G.O. No 2545 dated 21st October 1870.
	9	Canal Generally Restoration of Locks			3,000	Estimate is under preparation.
					427,000	

Gantoor District

Sch II

List of Estimate for Original Works for 1872/73

D

Executive Division	Project	No	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Amount of Estimate for 1872/73	Remarks or References
				Brought over			4,27,000	
		10		Amount to be contributed by Jaghirdar from Judicial fines on account of Irrigation Channels in Guntoor District and Road			53,490	Vide list attached
				Total Agricultural			480,490	
				Grand Total			490,390	
				Minor works below 500 Rs each				
				Military Civil Buildings Agricultural Total				
				" "			19,300	19,300

Minor New Works

Rawlinsons
32 October 1871

Wm Strachan Major RE
Ag Supt Engineer 1st Division

Vizagapatam District

Part III — Repairs

Detail of Estimate for Repairs for 1872-73

	Estimate for 1872-73 Amount	Estimate for 1871-72 Total Amount	Total
Military			
Vizagapatam Minor Repairs to Buildings	1,000		2,400
Cantonment Roads	1,750		1,750
Vizianagaram Minor Repairs to Buildings	1,690		2,700
Cantonment Roads	310		310
House-Rent to Military Subordinates	4150		3,000
	8,900		10,160
Civil Buildings			
Minor Repairs to Postal & Telegraph buildings	200	200	180
			180
Agricultural			
Repairs to Irrigation channels, Tanks, Dykes and Drainages	*20,000	20,000	8,500
			8,500
Tools and Plant			
* New Supplies	100	*400	280
Repairs	300		
Total		29,500	19,120

* This sum is required for next year, as the allotment made for the year 1871-72 is found to be quite insufficient to meet the demands of the Range Officers which were numerous.

Dowlaiswaram
3d October 1871

Wm T. Taylor Major RE
Agg Superintending Engineer 1st Div

Ganjam District

Part III Repairs

Detail of Estimate for Repairs for 1872-73.

	Estimate for 1872-73		Estimate for 1871-72		
	Amount	Total Amount		Total	
Military					
Barhampore Minor Repairs to buildings not exceeding 2500 Rs each	600		600		
Cantonment Roads	120		120		
Houserent for Military Subordinates	100	820	200	920	
Civil Buildings					
Minor Repairs to Postal & Telegraph buildings	†400	400	180	180	† This sum is absolutely necessary to meet the demands by Range Officer
Agricultural					
Repairs to Irrigation channels. Tanks. Dykes and Drainages	32,000	32,000	* 22,500	22,500	* The allotment for the year 1871-72 having been found to be insufficient to meet the requirements of the District it has been increased by Rs 9,500.
Tool and Plant					
† New supplies .. 700					This sum is entered at the request of Range Officer
Repairs .. 300		1000		280	
Total		34,220		23,880	

Dowlaiswaram
3d October 1871

Lieut. Leicester Major R.E.
Agt. Superintending Engineer 1st Div.

P.M. 479/91

Enclosures in
letter of 20/
dated 4th Feb
from the Ch
Engr & Surveyor
to the Lieutenant
Govr 29 Feb

Ganjam District

Part III

Detail of Estimates for Original works for 1872-73.

Ex: Division	No:	Locality	Description of Project	Amount of Estimate	Completed Expenditure up to 31st March 1872	Amount of Estimate for 1872-73	Remarks and references
			Civil Buildings				
	1	Berhampur Taluq Cutcherry		12,400	3170	9230	Estimate was forwarded to Government with this Office letter No: 2281 dated 18th September 1869, but not yet sanctioned. Part of the work has already been completed.
	2	Russelcondah Subsidiary Jail		6,900	4,370	2,530	Estimate was forwarded to Government with this Office letter No: 4295 dated 10th March 70. Most part of the work has already been completed.
	3	Aska	Do:	3,970	1,635	2,335	Do: Do: Estimate was forwarded with this Office letter No: 4295 dated 10th March 1870.
	4	Do:	Do:	3,900	296	3,604	
	5	Ragoonadpur	Do:	3870	400	3,470	Estimate sanctioned in G.O. No: 1971. dated 16th June 1869.
	6	Poorooshotta	Do:	2590	498	2092	Estimate sanctioned in G.O. No: 2588 dated 6th August 1869.
	7	Sompetta	Dy: Tehsildar's Cutcherry	5,240	1786	3454	Do: Do: in Do:. The walls of the Main Building have been built to nearly, full height.
	8	Russelcondah	Hill Jail	9880		9880	Estimate sanctioned in G.O. No: 1685 dated 21st May 1869. The execution of the work is very much required by Jail authorities.
						36,595	

Gayjan District

Part II

Detail of Estimate for Ordinary works for 1872-73.

Ex: Division	No:	Locality	Description of Project	Amount of Estimate	Computed Expenditure up to 31st March 1872	Amount of Estimate for 1872-73	Remarks and references
						36595	
	9	Maliah	3 Sub. Magistrates Cutcharies at 2000 Rs each	6,000		6,000	This sum is entered at the request of the Collector.
						Total Civil Buildings 42595	
			Communications				
			Maliah Completing Road from Baligadda to Budlagadda about 15 miles	3000	"	3,000	
	10		Do Do from Choraliah Bammagadu about 9 miles	1800	"	1,800	Do Do Do
			Do Road from Russelcondah to Birkole about 14 miles	2100	"	2,100	
			Do New Bridges	2,000	"	2,000	
	11		Gayjam Canal from Chilka Lake to the Gayjam River	16110	83237	30,000	Budget of 1869-70 Item No: 412
						38900	

Gayjan District

Part III

Detail of Estimates for Original works for 1872-73.

Ex: Division	No:	Locality	Description of Project	Amount of Estimate	Computed Expenditure up to 31st March 1872	Amount of Estimate for 1872-73	Remarks and References
						38,900	
	12	Gopalpur	Extending Chilka Canal to Gopalpur	172,500	"	50,000	The Estimate was generally approved of Government but ordered to lie over until the Appropriations for the Budget of 1871-72 are brought under discussion. See G.O. No: 3216 dated 6th October 1869.
	13		Cutting a navigable Canal Commencing at Doyal on the proposed Rooshikulya Canal and terminating at a Salt creek opposite Ganjam	287,500	"	50,000	Estimates &c. were forwarded to the Chief Engineer for Irrigation with letter No: 1823 dated 4th July 70. no orders sent yet.
			Total Communications			138,900	
			Mis: P. Improvements				
	14	Ganjam	Improvements to the Town	13,000	9,200	38,00	Estimate was sanctioned in G.O. No: 1022 dated 29th March 69. Most part of the work has already been completed.
			Total Mis: P. Improvements			38,00	
			Grand Total			185,295	

Minor new works below 500 Rs. each

Civil Buildings	Mis: P. Improvements	Total
400	"	400

Dowlaiswaram
3rd October 1871

W. T. Tischer Major R.E.
Agt. Superintending Engineer 1st Div.

Uzzalpalam District

Part II

Detailed Estimate for Original Works for 1872/73.

Executive Divisions	No.	Locality	Project Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Amount of Estimate for 1872/73	Remarks or References
			Civil Buildings				
	1	Uzzalamuchetty	Taluq Cutcherry	18780	8920	Cr. 6286	Estimate was sanctioned in G.O. No 1119 dated 6th April 1869. Work most part finished. A revised Estimate of the Cost of Reconstructing the Cutcherry on the Plan already sanctioned with stone in Chunam &c. will be forwarded. Vide G.O. No 2430 dated 26 September 1871.
	2	Dundipalam	Sub Magistrates Cutcherry	9430	1895	7535	Estimate sanctioned in G.O. No 1271 dated 17th April 1869. Walls of Main Building and Latrine have been raised 6 to 7 feet. Roof of Cookroom about 4 feet.
	3	Soongaraparoli	Do. Do.	3760	2284	1476	Estimate was sanctioned in G.O. No 2312 dated 23 July 1868. Work most part completed.
	4	Salur	Do. Do.	4700	"	4700	Estimate was sanctioned in G.O. No. 1855 dated 7 June 1869.
			Carried Over			23,571	

Vizagapatam District

Detail of Estimates for Original Works for 1872/73.

II

Executive Divisions	No.	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Amount of Estimates for 1872/73	Remarks or References
			Project				
			Brought Over —	23,571			
	5	Peyapur	Quarters for Assistant Apothecary & Dresser	7670		7670	Estimate sanctioned in G.O. No. 285 dated 29th January 1869
		Kallapad	Sub Magistrates Cutcherry &c.	11675		5000	Estimates sanctioned in G.O. No. 3005 dated 15th September 1869
		Mahadavipatty	Do.	11.675		5000	
	6	Rundapur	Do.	11.675		5000	
		Nowrungapur	Do.	11.675			
	7	Rayagadda	Do.	7000		7000	Estimate was forwarded with letter No. 2282 dated 18th September 1869
	8	Parvatipur	Hill Jail	22.250		10,000	Do. do. with letter No. 315 dated 26 February 1869 thro' the Inspector General of Jails —
	9	Gollamuchilly	District Mooneiffs Court	3710		3710	Estimate was sanctioned in G.O. No. 1586 dated 31st August 1864. The early commencement of this work is very much required by the Judicial Department
	10	Bheemagram	Do. Do.	3680		3680	Do. Do.
	11	Korapud	Dwelling House for Assistant	10,000		10,000	Sanctioned in G.O. No. 39 dated 8th May 1871 —
			Jail				
			Total Civil Buildings —			85,631	

Vizagapatam District

II

Works for 1872/73.

Details of Estimates for Projects

Executive Divisions	No.	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Amount of Estimates for 1872/73	Remarks or references
	12		Communications				
			Jeypore to Road from Jeypore to the Pettah chaut to the foot of Rajaoolee ghaut 92 Miles			46,000	Sanctioned in G.O. No. 254 dated 8th January 1871. No informations regarding these works has been sent to this Office by the Agent.
			D. II D. by Tunnee ghaut to the foot of the Pachipenta ghaut 56 Miles	43,707	61,800	10,000	
			D. III D. from Koraput to Kottapad 15 Miles			26,400	
			D. IV D. from Koraput to Nundapore 25 Miles			11,250	
	13		Clearing the jungle & fixing the preparations of a survey of the Road to connect Jeypore with the Vizagapatam District by the Pachipenta ghaut			25000	Ordered by the enclosed G.O. No. 1846 dated 3rd August 1870.
			Carried Over			33,000	

Vizagapatam District
II
Detail of Estimate for Original works for 1872/73.

32

Executive Divisions	Project No.	Locality	Description	Amount of Estimate	Computed Expenditure up to 31st March 1872	Amount of Estimate for 1872/73	Remarks or references
			Brought Over			35,000	
	14		Compensation for lands taken up for Roads	"	"	41,270	Sanctioned in G.O. No. 612 dated 25th February 1869.
			Total Communications			76,270	
			Grand Total			1,61,901	
			Minor Works below 500 Rupees each				

Civil Buildings	Communications	Total
800	"	800

Dowlaiswarum
October 1871

[illegible] Major R.E.
Ag. Superintending Engineer 1st Divn.

Godavery Districts

Part II

Detail of Estimate for Original works for 1872/73

36

Executive Division.	Project No	Locality	Description	Amount of Estimate	Expended upto 31st March 1871	Amount of Estimate for 1872/73.	Remarks or References.
			Civil Buildings				
	1	Rajahmundry	Central Jail	353263	338802	14461	Sanctioned for Rs 67,162 + 3,66,101 + 90,000 + 67,162 + 3,66,101 + 3,63,735 + 67,162 = 12,85,426 Budget of 1871/72 Item No 25
							34
	2	Nuzvedu	Sub Magistrate's Cutcherry	7300	572	6728	Estimate was forwarded with letter No 4356 dated 16th March 1870
	3	Nellapilly	Repairs and Enlargement to Do	4040	162	3878	Estimate was sanctioned in G.O. No 885 dated 7th June 1870.
	4	Rajahmundry	Hospital Cutcherry	20000	2460	10000	Estimate was sanctioned in G.O. No 1604 dated 15th Dec 1869.
	5	Narsapur	Do Do	21240	38	10000	
	6	Nuzvedu	Do Do	22440	594	10000	Estimates for these were sanctioned in G.O. No 2150 dated 2nd July 1869
	7	Cheemavaram	Do Do	22560	"	10000	
	8	Peddapur	Do Do	22560	6980	10000	Estimate was sanctioned in G.O. No 2147 dated 2nd July 1869. Cutcherry and Jail are upto basement had the walls of Hospital also and are raised ready to fix lights, doors and windows are made up.
						75067	

Gorakhpur District

Part II

Detail of Estimate for Original works for 1872/73

Executive Division.	No.	Project Locality	Description	Amount of Estimate	Expenditure up to 31st March 1871	Amount of Estimate for 1872/73.	Remarks or References.
	9	Nagesur Subordinate Jail. (Jurum)		7,100		7,067	Estimate was sanctioned in J.O. No 2032 dated 22nd June 1869
	10	Bulliah Sub Magistrate's Cutchery		12,300		6,000	Do Do in J.O. No 3005 dated 13th September 1869
	11	Ccunsla Revenue Office & Mochi's & Collector's Cutcherry		3,230		3,230	Do Do in J.O. No 2389 dated 21st July 1869
	12	Coringa Sea Custom House		7,270		7,270	Do Do in J.O. No 3424 dated 23d May 1863
	13	Pensengunge and Magullain	Improvements & Additions	11,810		11810	Funds have been applied for as ordered in J.O. No 1217 dated 13th April 1869. but not granted. See J.O. No 1767 dated 29th May 1869 Para 9th
	14	Pellapur	Sub Magistrate's Cutchery	12,300		6,000	Estimate was forwarded with letter No 4298 dated 10th March 1870
	15	Sonee	Subsidiary Buildings	12,300		6000	Do Do with letter No 3985 dated 14th February 1870
						122477	

Gurdaspur District

Part II

Detail of Estimate for original works for 1872/73

36

No	Locality	Description	Amount of Estimate	Expended up to 31st March 1871	Amount of Estimate for 1872/73	Remarks or References
	Executive Division.	Project				
		Brought over	122477		6,000	Sanctioned for entry in the Budget for 1872/73. See G.O. No 2438 dated 23rd Sept. 1871.
16	Kachahmunj	House for Superintendent & Jail	6,000	"	3,000	Estimate sanctioned in G.O. No 73. 62. dated 10th January 1871
17	Dalaisinarum	Alterations and additions to the Buildings occupied by Asst Engr Offr	3,000	"		
18	Kachahmunj	Sub Collectors Cutcherry			10000	Indent as per G.O. No 1439 dated 21st August/71 Estimate is delayed for want of the Plan referred to in G.O. No 1789 dated 1st June 1869
		Minor Petty Works				
		Total Civil Buildings	141477			
					500	

Dalaisinarum
October 1871

Martineau Major RE
Asst Engineer 1st Division

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION.

DOWLAISHWARUM, 28 September 1871

No. 1999

From

Major P. T. Fischer R.E.
Acting Superintending Engineer
1st Division

To

Colonel P. Carpendale R.E.
Secretary to Government D. P. W.
MADRAS

SIR,

In accordance with G.O. No 773 of the 20th instant, I have the honour to forward herewith, Budget Estimates Parts II and III for Original works and Repairs of Telegraph and Postal Buildings during the ensuing Official year.

I have the honour to be
Sir
Your Most Obedt Servant

P. T. Fischer Major R.E.
Acg Superintending Engr 1st Div

Public Works 1871 Department

No. 4401 Revl. Genl. February 1872

From

Major F. Fischer R.E.

Ag. Superintending Engr.

1st Division

To

Colonel Carpendale R.E.

Secretary to Government

D.P.W.

Madras.

Dated 28th September 1871

Received 3rd October 1871

No. 1999

Forwards Budget Estimates Parts II & III for Original works and repairs of Telegraph and postal buildings during the ensuing Official Year –

No. 269 - 270 - 29th Jany/72

No. 520

1st & 2nd Division

Part II

Postal & Telegraph Department

Detail of Estimate for Original works for 1872-73

Estimate No.	Project. Locality	Description	Amount of Estimate	Amount computed Expenditure up to 31st March 1872	Amount of Estimate for 1872-73	Remarks or References
	Godavary District	1 Cocanada Telegraph Office	17,000	10000	7000	Budget of 1871-72 Item No. 19 Estimate sanctioned in G.O. No. 288 dated 31st January 71.
	Do	2 Rajahmundry Do Do	7,900	5000	2900	Budget of 1871-72 Item No. 20 Estimate sanctioned in G.O. No. 1996 dated 29th July 71.
	Ganjam	3 Chicacole Post Office	1,600		1600	Estimate will be forwarded to Government shortly.
				Total	11,500	

Dowlaiswaram
28th September 1871

Wm. H. Fischer Major R.E.
Ag. Superintending Engineer
1st Div.

1st Division
Part III Repairs

Postal & Telegraph Departments

Detail of Estimate for Repairs for 1872-73.

	Estimate for 1872-73.		Estimate for 1871-72	
	Amount	Total	Amount	Total
Civil Buildings				
Ganjam — Repairs to buildings of the Telegraph and Postal Departments	400		180	
Vizagapatam — Do. to Do. Do.	200		180	
Godavary — Do. to Do. Do.	400		180	
		1,000		540.

Dowlaiswaram
28th September 1871

Lieut. Colonel Major R.E.
Agt. Superintending Engineer 1st Div.

46

No 69

Superintending Engrs Office
Head Qrs Camp Nellore
13th September 1871
Despd 20th Dec

From

Colonel F. J. Mowbray R.E.
Superintending Engineer 2nd D.

To

Colonel J. Carpendale R.E.
Secretary to Government
Department Public Works

Sir

I forwarding the Sanctioned Budget for 1872-73 from this Division I have the honor to explain that the sum of Estimates for Sanctioned Roads contrary to G.O. No 3721 of 22nd November 1869 has been made at the request of the Collector in Consequence of the Roads of the Local Fund Board to undertake them construction inasmuch as they are of no general advantage to the public.

2 I beg attention also to the entries for agricultural repairs which I have largely added to.

3 Estimates to the amount of 12,219 in the Kistna District and 36,056 in Nellore have been Sanctioned but many other repairs have been deferred to the injury of the revenue and injustice to the ryots. Against these absolutely necessary Estimates I have allotments of Rs 75000 and 56000 respectively so that we shall commence the year 1872-73 with

debts of ₹ 46000 and ₹ 80,000-

4, We shall have in addition the removal of this year's deposit of silt, and injury during the current season, to remedy; for these allotments of ₹ 50000 ₹ 50000 are now asked making up ₹ 121,000 in the Kistna ₹ 130,000, in Nellore where the restoration of one ch of the Penner Anicut takes a large share of our funds. I trust that the Government will be satisfied as to the urgent necessity for these demands. Repairs considered highly necessary by the Postal authorities are also in abeyance for want of funds. I have therefore increased my demand under this head Civil Buildings.

N.B.- of ₹ 9000 required for this work. ₹ 1000 were expended in 1870-71. and we can spare only ₹ 10000 in the current year

I have the honor to be
Sir
Your most Obt. Servant

[signature]
Lt Col R.E.
Superintending Engineer

5000

P. Dr. 1871 Nº 614.

To The Supt. Engineer
2nd Division

The Secretary to Govt
of Madras

Dated 13th September 1871
Rec'd 20th - do -
Ans'd 29th "

Encl: 8.

Forwards Imperial Budget
for 1872/73 from the
Division and explains the
nature of entering certain
Estimates for unsanctioned
Roads -

No 521

Nº 269 - 270 - 29 Dec 1871

45

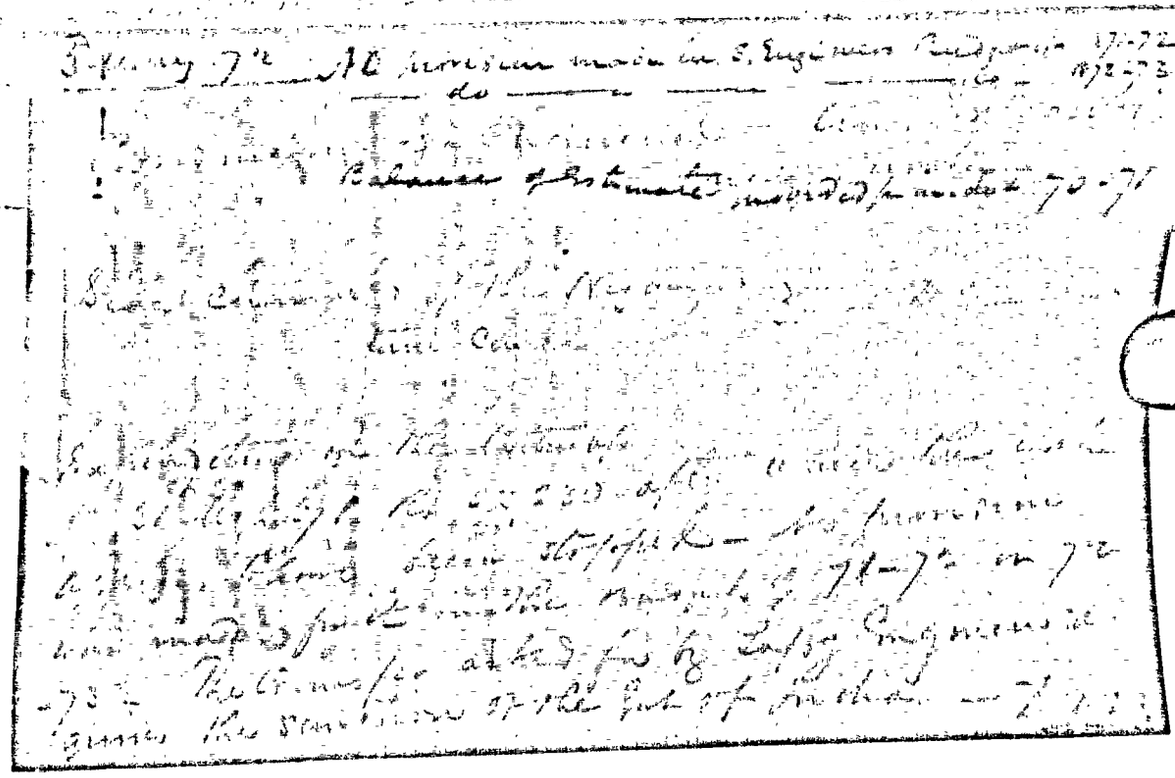
An Estimate of Rupees 48,757
was sanctioned for the work in
G.O. No 3861 of 6th Dec. 66
In June 68 the Supt Engr
submitted an estimate of
Rupees 2825 for constructing
an irrigation channel
from the Tambraparum
canal for the supply of
some 250 acres of land -
proposed that this estimate
should be added to the one
entrusted - as also that
the Rs 2825 should be met
from the allotment for the
Common channel. This
was sanctioned in G.O. No 80 of 7th Jany 70
Govt on the application of
the Supt Engineer added

in accordance with the provisions of
10 per cent. of the Block of
the above 2 estimates this
Revised Estimate amounts to
Rs 56,740 -

Original estimate Rs 48757
Estimate for wire
fencing channel. 2828
51582
10 per Cent — 5758
56740

Dil Tapp Irrigation
an allotment for the
work in his Budget
for 71-72 & 72-73
& if the balance of
the estimate was pro
vided in the Budget
of 70-71-

8



1st Class Districts

Detail Estimate for original works for 1872-73.

Objects

Execution

Danger to Locality

Amount of Estimate

Amount Expended up to 31st March 1872.

Estimate for 1872/73

Remarks and References.

Court House

Police Barracks

Lunatic Asylum

Gaol

Quarters for Officers

Quarters for Subordinates

Hospital

Barracks

Treasury

Record Office

Public Offices

Bridges

Roads

Tanks

Wells

Water Supply

Drainage

Sea Defences

Light Houses

Piers

Harbours

Docks

Quays

Jetties

Slips

Embankments

Revetments

Groynes

Breakwaters

Canals

Locks

Weirs

Sluices

Aqueducts

Culverts

Bridges

Ferries

Roads

Tramways

Railways

Telegraphs

Mines

Quarries

Forests

Plantations

Miscellaneous

Louis Banking Co. Quote Amount allowed in Estimate for 1872/73 £2600 — £2600 on G.O. dated 99 of 19 August 1872

Statement shewing the sums required in 1872-73 for Minor New works

District	Civil Buildings	Minor Bridges	Public Improvements	Total
Allore	500	0		500

Superintending Engineer 2nd Div.

Nellore District

Part III

Detail of Estimate for Repairs for 1872/73.

Description of work.	Estimate for 1872/73 Amount	Estimate for 1871/72 Amount	Total
Civil Buildings			
Minor Repairs to Government Buildings	3 2100 ₰	✓	
Do to Police Station	300 ₰	✓	
	2400	2400	
Miscellaneous Public Improvements			
Minor Repairs	500 ₰	500	

Asst Engineer's office
Camp Nellore
13th September 1871

Assistant Engineer
Circle No 6

(Sd)
Executive Engineer
(2) (3) Division.

(Sd)
Superintending Engineer
(1) (5) Circle.
Madras

Dated 16th September 1871

(Signed)
P. Dr. 4614/71
Nellore District
Provincial Public
Detail of Estimate
Original Estimate 14th Sept 71

Kurtna District

Part III

Detail of estimate for Repairs for 1872/73.

Stations	Description of works	Amount Estimated for 1872/73	Amount Estimated for 1871/72
	Civil Buildings		
	Minor Repairs to Revenue Buildings	3000 ✓	
	Do Do Do Petitions	500 ✓ 3500 ✓	3.500 ✓
	Miscellaneous Public Improvements		
	Minor Repairs	200 ✓	50 ✓

(Sd) J. Allen Lt. Colonel R.E.
Asst. Engineer Kurtna
Asst. Engineer 2nd Div.
13th September 1871

(Sd) [illegible]
Asst. Engineer 2nd Div.

Enclosure in Letter No.
15th September 1871

(Sd) [illegible]
Secy.
Public Engineering Dept.
2nd Division.

(Sd) [illegible]
Secretary to Govt.
of T.C.D. II.

Madras

Dated 15th September 1871

(Received)
P. Dr. 4614/71
Kurtna District
Estimate of Public Works
Repairs for 1872/73—

Nellore District

Part III

Detail of Estimate for repairs for 1872-73.

Description of works	Amount of Estimate 1872/73	Amount of Estimate 1871-72	
Buildings			
Civil Buildings			
Minor Repairs to Public & Telegraph buildings	₹ 200	200	
Agricultural			
Repairs to Irrigation Channels Tanks, Sykes & Drainages	₹ 30,000	56000	
Communications			
Road from Dogarazupalam to Greatsorthern Road	3	1449	
Road from Allur to Ishapally	3	600	
Road from Polapallem to Pungarayacondra	3	550	
		2590	2590

Superintending Officer's Office
Camp Nellore
13th September 1871

Executive Engineer
Nellore Division

Estimate submitted by
dated 16th September 1871—

From

The Superintending Engineer
(3) Division

The Secretary to Govt
P. W. D.

Madras

Dated 16th September 1871

Remarks

P. W. 4614/71

Public Division

Examined & Sanctioned

Detail of Estimate for
Repairs for 1872/73—

Kachina District

Part III

Detail of estimate for Repairs for 1872-73

Nature of Description of Labour	Amount Estimate for 1872	Amount Estimate for 1873	Amount Estimate for 1874
Military			
Minor Repairs to Buildings	600		
Houses rent to Military and Medical Subordinates	300	700	700
Civil Buildings			
Minor Repairs to Postal & Telegraph Buildings	"	1900	200
Agricultural			
Repairs to Irrigation Channels Tanks, Dykes & Drainages	"	121,000	7,500
Communications			
Repairs to Road from Argalo to Kamloops		1140	
Do from Ootsalo to Chimmesyan		800	
Bridle Repairs &c &c Pass		1000	
		3340	2240

Supdg Engineer &c
Camp Okotoks
13th October 1871

A. Rubergall Capt
Sub Engineer &c

P.M. 4614/71

Detail of Estimate for Original works for 1872-73.

Executive Range No Locality	Project	Amount of Estimate for 1872	Amount of Estimate for 1872/73	Remarks and Explanations.
	Artillery Mill Canal Buildings Mill			
Nellore Range	Nellore & Improvement to Sumapolly tank & connection with Poonamallee Road	4,000	4,000	Extraordinary Sanctioned by G.O. No. 345 of 1868/69 & No. 7 of 1869 and No. 33 of 1870/71.
4 or Northern Range 1st Range	Communication Road from Kaloor to Vengamoor via Vettoor Bridge of 5 Arches across the Sulaby Tank Supply Channel on the Dugarajapatnam Road.	1,800 4600	4600	10,000 Sanctioned by G.O. No. 356 of 6 February 1871. 4600 Sanctioned by G.O. No. 3884 of 8 December 1866. 14600

Statement showing the sums required in 1872-73 for Minor new works.

District	Military	Agricultural	Total
Nellore	"	15,000	15,000

Supdg Engineer Officiating in charge 1st Circle 1st October 1871.

Colonel R.E. Superintending Engineer 2nd Do

Kistna District

Detailed Estimate for Original Works for 1872-73.

Project.

Executive Ranges No	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Estimate for 1872/73	Remarks and References.
		Military				
		Nil				
		Civil Buildings.				
		Nil				
		Agricultural				
Eastern Delta	Pullaru	Enlargement, extension and improvement of the Channels in the Masulipatam section of the Kistna Delta	183,100	163,100	20,000	Extra Ordinary sanctioned by G.I. Register No 7 A I of 1868-69 G.O. No 3215 of 1868 Item 27 of Buget of 1871-72
Do	Bezwara	Widening the head of Masulipatam Canal for 1000 yards from the Anicut to the head of Ellore Canal	113,530	46824	20,000	Extra ordinary sanctioned by G.I. Register No 160 of 24 April 1871 G.O. No 1389 dated 20 May 1871. Item No 28 of Budget of 1871/72.
Do	Ryves Canal	Enlargement and improvement of Ryves Channel and its branches and construction of necessary masonry works	414193	171846	30,000	Extra ordinary - sanctioned by G.I. Register No 7 A I of 1868/69 G.O. No 3215 of 1868 & No 30 of 1871/72
Western Delta	Seetanagaram	Sloping down the banks of the main Canal from the southern flanks of the Anicut and enlarging the head of the main Canal from Seetanagaram to Duggeralla	276400	238948	20,000	Extraordinary - sanctioned by G.I. Register No 7. A I of 1868/69 by G.O. No 3215 of 1868. Item No 29 of Buget 1871/72.
Do	Budam	Channel with its subsidiary works for the better supply of Budam and Allur lands	46420	2742	19000	Ordinary. G.O. No 2598 of 1870. Item No 31 of Buget of 1871/72.
Do	Commamoor Channel	Extension of Commamoor Channel and construction of necessary masonry works	195770	175797	20,000	Extra Ordinary sanctioned by G.I. Register No 7 A I of 1868/69. G.O. No 3215 of 1868 & No 42 & 972 of 1869. Item No 32. of Buget of 1871-72.

Kistna District

Detailed Estimate for Original Works for 1872-73.

Project.

Executive Ranges &c	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Estimate for 1872/73	Remarks and References.
4 Ranges	Pedacumcherla	Restoration of Pedacumcherla Tank	22730	5000	10000	Ordinary. G.O. No 3008 of 1870. Item 46
Eastern Delta	Masulipatam	Drainage Channel from Devaguntapa sluice to the Tidal creek at Masulipatam	21360	4426	10000	Ordinary. G.O. No 1928 of 14th June 1869. Budget Item 419 of 1869/70.
					14,000	
		Total Agreementals.				
		Communications				
Eastern Delta		Improvements to the Salt Road from Paritaud to Buntoomilly	3660	0	5000	G.O. No 3948 of 17 December 1868 R.D. No 1762 of 12 November 1870 R.D. Letter 17 Dec. 1870 No 109
			5665			
			9325			
Eastern Delta		Constructing a bridge on the road from Buntoomilly to Ghoinadu	4710	0	4710	G.O. No 553 of 27th March 1871 R.D.
Western Delta	Inkole to Chinna Ganjam	Road leading from the junction of Inkole Limbady Road towards salt Kolars of Chinnaganjam with a Tunnel	26150	0	10,000	G.O. No 1101 of 22nd June 1871 R.D.
Do	Chinnaganjam to Motupalli	Road from Chinnaganjam to the Sea Port at Motupalli with a Bridge	24700	0	10000	Do Do
					10000	Plans and estimates sent to Collector with letter No 119 of 24th August 1871.
Eastern Delta	Masulipatam to Mangampudy	Road from Masulipatam to Mangampudy	35920	0	10000	
Do	Masulipatam to Peamu	Do from Mangampudy to Peamu	30200	0		
		Total Communications			45000	

Supdt Engineer's Office Do
Camp Nellore
18th September 1871.

F. Huberty Colonel RE
Supdt Engineer 2d Dc

Kistna District

Detailed Estimate for Original Works for 1872-73.

Executive Ranges No	Locality	Project. Description	Amount of Estimate	Computed Expenditure upto 31st March 1872	Estimate for 1872/73	Remarks and References.

Statement shewing the sums required in 1872-73 for Minor New Works

District	Military	Agricultural	Total
Kistna.	"	17000	17000

A. Rhodes Colonel R.E.
Chief Engineer 2d Div

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Enclosure in letter No
dated 13th September 1871

From
The Superintending Engineer
Do Division

To
The Secretary to Govt
Do P.W.D.
Madras

Dated 13th September 1871

Remarks
P. No. 4614/71
Kistna District
Sanctioned
Details of Estimate for
Original Estimate for 1871/72

Kistna District

Detail of estimate for Original Works for 1872-73.

115

Project

Executive Ranges	No.	Locality	Description	Amount of Estimate	Computed Expenditure upto 31st March 1872.	Estimate for 1872-73	Remarks and References.
			Civil Buildings.				
2nd Range	1st	Guntur	Improvements to Guntur Jail	15293 / 2000 / 17373		15137	2200 G.O. No 2239 of 1867 & No 975 of 1870 Item 270 of Budget of 1871/72 Supplemental estimate submitted to the Inspector General of Jails on 11th Jan. 1871 No 68 No 78.
Eastern Delta.		Kistna Bunkomilly	Police Stations Constructing Sale Cutcherry at Kotamurra	4050		4050	3283 of 11th October 1867 G.O. No 2730 of 4th October 1867.
"	1st	Bezora	Constructing District Munsiffs Court at Bezwara	2510		2510	G.O. No 1316 of 12th October 1870 P.W.D. and No 120 of 20th October 1870 P.W.D.
3rd Range	1st	Guntur	D.o Anglo Vernacular School at Guntur	8370		8370	Plan and estimate submitted to the Inspector of Schools 1st D.o 6th June 1871
			Total Civil Buildings			20130	

Statement shewing the sums required in 1872-73 for minor New works.

District	Civil Buildings	Miscellaneous P.W. Improvements	Total
Kistna	500 "	500 "	

Sd/ Superintending Engineer
3rd Div. Canal Circle
13th September 1871

Sd/ H. Thuillier Colonel R.E.
Chief Engineer 2nd D.o

Superintending Engr
2nd Div Cuttack
29th September 1871.

No 80.
Rs 900

From Colonel F. J. Moberly RE
Superintending Engineer 2nd Div

To Colonel J. Campbell RE
Secretary to Government
of B. P. E.

Sir In reply to yr O. No 172 30th September
I have the honor to report that in my budget
I have entered Rs 900 for repairs of
postal and telegraph buildings which,
judging from experience during the current
year, seemed to be likely to be required.
2 No applications for new buildings
having been made to me I have not made
any entry in Part II.

I have the honor to be
Sir
Your most Obt Svt

F. Moberly Col RE
Supt Engineer 2nd Div

2-

Enclosure in a letter No
dated 30th September 1871

From

The Superintending Engineer
2nd Division

To

The Secretary to Government
of B. P. W.

Cuttack

Dated 30th September 1871

Remarks— P. No 4614/71

Circle Divisional

Provincial Statement

Details of Estimate

For Original & Revised

For 1872/73—

Supdg Engr Officer 2d Dn
Camp Draconda Palaiam
9th November 1871.

No 108

From

Colonel F.J. Moberly R.E.
Superintending Engineer 2nd Division

To

Colonel J. Carpendale R.E.
Secretary to Government
Public Works Department

Sir,

In continuation of my letter No 80 of 29th September, I have the honor to report that I have since had an estimate prepared at the request of the Inspecting Post Master 2nd Division for the construction of the Deputy Post Master's quarters at Juggiahpet in the Kistna District amounting to Rs 870. I am about to forward it to the Post Master General Madras, who will submit it to Government for sanction, and I would suggest that the provision be made for it in the ensuing years Imperial P.W. Budget should the Government be disposed to sanction the work.

I have the honorable
Sir
Your most obedt Servt
F. Moberly
Colonel
Superg Engr 2d Division

No 108 dated 9th November 1871
From Colonel F.J. Moberly R.E.
Superintending Engineer 2nd Division
To Colonel J. Carpendale R.E.
Secretary to Government
Public Works Department
Subject Construction of Deputy Post Master's quarters at Juggiahpet
Recorded in Register No
Dated 23rd November 1871
Copy forwarded to Madras Post Master General

Miscellaneous

Rs 5-2-0
Rs 260-2-0

Let 4771/71

P. W. 1871 Dept.
Brit Govt for Calcutta
Rec'd 450.
Rec'd Re Surg Engineers
2nd Div

To The Secretary to
Government
of P.W.

Dy. November 71
Rec'd 15th

Suggests that,
under known circumstances
provision be made
for the Dy Post Master
Quarters at Seggiepoto
in Kistna District
in the Budget for next
year.

No 269-270-29 Dec 71

No 523

No 84
From
Surgeon Major Cahan
14th October 1871.

1st Copy Received
16th October 1871.

Colonel H.P. Malcolm R.E.
Superintending Engineer
2nd Div

Colonel J. Cleghorn R.E.
Secretary to Government of Madras

Sir,

I have the honor to report for the information of Government, that I have, this day, called for all the Tenders for the supply of Bullocks required for the Transport Establishment of the Kistna Field Force, and opened the same in the presence of the Tenderers.

2. I beg to forward herewith a Statement of the Tenders received, and to state that I recommend the acceptance of the lowest Tender, that of Mr. Thomas Cotton, at the rate of Rupees 29 per head.

3. I have the honor to be,
Sir,
Your Most Obedient Servant
J. Cleghorn Colonel R.E.
Superintending Engineer 2nd Div

Budget 1872-73

Part I

Abstract

Main Heads		Imperial.	Total.	Remarks.
Military	Bellary	1.72.782	1.72.782.	
	Cuddapah	"	"	
	Kurnool	"	"	
Civil Buildings.	Bellary	12.000.	12.000.	
	Cuddapah	"	"	
	Kurnool	"	"	
Agricultural.	Bellary	27.000.	27.000.	
	Cuddapah	8.000.	8.000.	
	Kurnool	2.000.	2.000.	
Total Rupees		2,21,782.	2,21,782.	

Third Part

Class of Estimate

Division

Estimate for original works 1872-73.

No.	Locality	Project. Description	Amount of Estimate.	Computed Expenditure up to 31st March 1872.	Estimate 1872-73.	No.	Remarks or References.
1	Bellary.	Garrison Prison			30.000.	1	A fresh Plan and Estimate under preparation Vide G.O. No 4. (Miscellaneous) dated 2nd Feby 1871.
2	"	Mariners Room for Royal Sappers Corps	11.550.	"	11.550.	2.	Item No 8 Budget 1869-70 (Struck out for want of funds) S.C. No 2814 dated 30 June 1869.
3	"	Sick Sappers Lines for ——— Men	8.450.	"	8.450.	3.	G.O. No 131 dated 21st October 1870 (Miscellaneous)
4	"	Native Slaughter House	8.000.	"	8.000.	4.	G.O. No 1187 dated 20th ~~December~~ June 1868.
5	"	Latrines for Native Troops	5.280.	"	5.280.	5.	G.O. No 1479 dated 7th May 1869.
6.	"	New Burial ground or Extension of present Ground	2.590.	"	2.590.	6.	Vide para 11 of letter printed with G.O. No 2955 dated 15 Sept 1868 in S.C. No 1255 dated 23 April 1869 Also Miscellaneous G.O. No 59 dated 6 April 1870.
7	"	Well & Tanks for Native Regiment	2.510.	"	2.510.	7.	Vide G.O. No 3157 dated 30th September 1869.
8.	"	Permanent Barracks and Family Quarters for Officers &c. for Royal Horse Artillery	150.000	"	80.000.	8.	Estimate &c. under preparation — Vide G.O. No 1843 dated 5th June 1869. The necessity for these new buildings will form the subject of a separate Communication.
9.	"	Family Quarters for Officers Completion of Garrison Battery	43.500.	31.040.	12.460.	9.	See Items 2 and 3 of Budget for 1871-72. The original grants for the year for completing this building and the Guard room for the Royal Horse Artillery were reduced by Rs 20000 leaving Rs 12.460. as the Years grant jointly for the two works. Resumption on the latter work has been found impracticable, the whole of the proposed sum, viz. Rs 20.000 has therefore been taken from the provision of 21.900 Rs made in the Budget for the present July 1st for the Garrison Battery
10	"	Native Shells Huts 1 for R.H.A. and 2 for European Infantry	4.780.	"	6.780.	10.	G.O. No 3016 dated 13th December 1870.
11	"	Sanitary Privies each having 6 Subterranean Communicating Cells &c.	2.600.	"	2.600.	11.	" No 2990. dated 10th December 1870.
12.	Ramandroog	Lighting Conductors to Certain inhabited buildings	2.960.	"	2.960.	12.	" " 2443 of 26th July 1869.
13	Ghooty	Quarters for Hill Station Sergeant	2.960.	"	3.670.	13.	" " 1998 of 31st July 1871.
		Ditto for Native Troops	3.670.	"	20.000.		

Total Rupees 164.310. 166.350

Presidency

Division	No.	Locality	Project. Description.	Amount of Estimate	Corrected Expenditure upto 31st March 1872.	Estimate 1872/73.	No.	Remarks or References.
		Bellary.	Constructing Shed for Commissariat Transit Carts	2320.	"	2320.	✓	G.O. No 175 of 20th Jany 1868.
		"	Slinging Shed for Sick Horses of Royal Horse Artillery	992.	"	992.	✓	" " 2887 of 17th Septr 69. Will not be required if funds are allowed for the Sick Horse Lines. See Items No 3 in Estimate
		"	Fencing of 6 Seats for Garrison Battery	1570.	150.	1570.	✓	G.O. No 2552 of 4th Augt 1869.
		"	Grain boiling Shed for Commissariat			1160.	✓	" " 2151 of 29th Septr 1869.
		"	3. Latrines for Native Infantry guard			2400.	✓	" " 1797 of 1st July 1871.
				Total Rupees		8442.		Sanctioned under "Minor Rece works, Military"
			Civil Buildings					
Bellary	1.	"	Telegraph Office	25.000.	"	11.000.		See Statement dated 20th Septr 1871 sent with reference to No 173 of 20th Idem. Estimate will be submitted as soon as some information is obtained from the Telegraph Department about the building required.
			Grant for Minor New Works the Estimate for which does not exceed Rupees 2500. each			1000.		
			Total Civil Buildings			12.000.		
Cuddapah	1.	Peddadasanpulley	Restoring Yerracheroo Tank	20.000.	"	"	✓	G.O. No 2016 dated 20th June 1868. No one available to prepare the Survey &c.
Bellary	2.	Hospet.	Improving Toongabuddra Channels	34.259.	"	10.000.	✓	Estimate &c. sent to Chief Engineer for Irrigation with letter No 2537 dated 9th March 1871. nothing has been heard about the matter.
	3.	Bookacherla	Bookacherla Project					The Compilation of the papers for submission is delayed for want of some help to present Establishments.
Bellary	4.	Roddum.	Roddum Project.					
	5	Hindoopoor.	Hindoopoor			17.000.		
			Grant for Minor New Works under Rs 2500 each					
			Total "Agricultural"			27.000.		

Supdg Engrs Office 3rd
Bellary 3rd October 1871.

Lieut Colonel RE
Superintending Engineer
3rd Division

Statement of sums required for Minor New Works under the various Budget Heads for 1872-73.—

Districts	Military	Civil Buildings.	Agricultural	Total	Remarks.
Bellary	20,000	800.	7,000.	27,800.	The sufficiency of grants under the various heads for Minor Works has been proved by the back towards the construction of various Minor Works — It is respectfully submitted that the sums specified for 1872-73 may be granted.
Cuddapah.	"	300.	8000.	8300.	
Kurnool.	"	200.	2000.	2200.	
Total Rupees—	20,000	1000	17,000	38,000.	

Surveyor Engrs Office &c.
Bellary 3d October
1871.

Lt Col R.E.
Supg Engineer 3d Dn.

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Budget
Public Works
Abstract

1871

	Personal.	Total.	Remarks.
Civil Buildings. Bellary	309920. 60000.	369920.	
Cuddapah	229500. 40000.	269500.	
Kurnool	2,03,600. 2000.	2,05,600.	
		7,45,020	

Copied by Draftsman [illegible]
Bellary, 3d October 1871.

Allen
Civil Engineer-Supdg.

Civil Sub-Dn.

No. 1871 Department.
Public Works
Proc. Govt. No. 4818 dated 7th January
The Supdg. Engineer
3d Division.

The Secretary to Government
Public Works Department
Fort St. George.

Dated 3d
Desp. 7.
Rec'd 10th } October 1871.

Enc. 3.

Budget Estimate
for —
1872-73.

No. 269-270-29th Dec. 72

No 525

Third Division.
Part II

Detail of Estimate for original Works. 1872-73.

Projects.

No.	Locality	Description	Amount of Estimate	Computed Expenditure to 31st March 1872	Estimate 1872-73.	No.	Remarks or References.
		Civil Buildings					
1	Bellary	Improvements to Jail			4920.	1	Item No. 49 Budget 1870-71.
2.	"	Cantonment Magistrate			8300	2.	G.O. No. 1025 dated 2nd April 1870.
3.	"	Collectors Cutchery	75.000.	"	30,000	3	" " 1654 dated 19th May 1869.
4	Ghooty	Sub Collectors Cutchery	15.000.	"	15000		G.O. No. 1232 dated 23d April 1868 and G.O. No. 1102 dated 9th April 1869. The Head Sr. of the Sub Collector being at Ghooty now instead of Uncantapoor the Correction has been made accordingly. See also Item No. 58 Budget 1869-70.
5.	Hurpenhully	Deputy Collectors Cutchery	12000.		12000.	5	G.O. No. 1232 dated 23d April 1868.
6.	do	Taloor Cutchery	30000.	1276.	10.000.	6.	
7	Hoodigh	do.	30000.	77	10.000.	7	
8.	Hunsply	Deputy Tahsildars Cutchery	10.000.	276.	10.000.	8.	
9.	Ramandroog	Sub Magistrates Cutchery	7500.	338	7500.	9.	
10.	Raidroog	Taloor Cutchery	30000.	2978	15.000.	10.	
11.	Sirgoopah	Deputy Tahsildars Cutchery	7500.	1228.	6300.	11.	
12.	Gooty	Taloor Cutchery	30000.	1157.	15000.	12.	Item No. 57 Budget 1869-70.
13.	Adony	do	30000.	10	15000.	13.	G.O. No. 1454 dated 4th May 1869.
14.	Tadpatry	do			15000.	14.	" No. 602 dated 24th February 1869.
15.	Royalchervoo	Deputy Tahsildars C			8900.	15.	
16.	Coonacondah	do "			10000.	16.	" No. 1454. dated 4th May 1869.
17.	Gummegunoor	do do		320.	7000.	17.	
18.	Anantapoor	Taloor Cutchery	30000.	"	10.000.	18.	
19.	Dhurmaveram	do do	30000.	"	10.000.	19.	
20.	Calliandroog	Deputy Tahsildars Cutchery	10000.	"	10.000.	20.	
21.	Pennacondah	Taloor Cutchery	30.000.	23 47	15000.	21.	G.O. No. 49 dated 9th January 1869. Civil Calendar for Revenue Boards. Estimates are submitted for sanction under explanation and price for the Common Tasy are got ready.

No.	Locality.	Description of Projects.	Amount of Estimate.	Computed Expenditure upto 31st March 1872.	Estimate 1872-73.	No.	Remarks or References.
22	Thridoopoor	Taloob Cutcherry	30.000.	236.	15.000.	22.	
23.	Bookapalnam	Deputy Tahsildar's Cutcherry	10.000.	"	10.000.	23.	
24.	Cuddapah	Collectors Cutcherry	75.000.	"	35.000.	24.	G.O. No. 514 dated 16th February 1869.
25.	Wontimitta	Head Assistant Collectors Cutchery			12000	25.	" No. 1534 of 11th May 1869.
26.	Cuddapah	Taloob Cutcherry			15.000.	26.	
27.	Camalapoor	Deputy Tahsildar's Cutcherry			7.500.	27.	
28.	Pulivendla	Taloob Cutcherry	30.000.	804.	30.000.	28.	
29.	Royachoty	do.	30.000.	50.	15.000.	29.	
30.	Poddatoor	do.	30.000.	1873.	15000.	30.	
31.	Budwail	do.	30.000.	6.014	15.000.	31.	
32.	Jammulmudgoo	do.	5000.	2000.	15.000.	32.	
33.	Pullampetta	New Jail of 4 Wards	30.000.	17.740.	3000.	33.	G.O. No 2.202 dated 10th July 1868. The Estimates for these buildings are all under preparation and will be submitted as soon as they are got ready.
34.	Sidhout	Taloob Cutcherry	30.000.	1.500.	12000.	34.	
35.	Madanapulley	do.	30.000.	1.045.	15.000.	35.	
36.	Kadri	do.	30.000.	500.	15.000.	36.	
37.	Voilpaud	do.	10.000.	.	15.000.	37.	
38.	Perlai	Deputy Tahsildar's Cutcherry	75.000.	.	5.000.	38.	
39.	Kurnool	Collectors Cutchery			224.500 30.000.	39.	G.O. No 80. dated 21st July 1870 (Miscellaneous) Call for a revised Estimate for new Cutchery.
40.	Pattikondah	do.			7.40.		
41.	Peapully	Deputy Tahsildar's			5000.	41.	
42.	Nundial	Taloob Cutcherry	30.000.	9.449.	15.000.	42.	
43.	Koilgoondla	do.	10.000	280.	15.000.	43.	
44.	Galwa	Deputy Tahsildar's Cutcherry	30.000.	13.900.	5000.	44.	
45.	Cumbum	Taloob Cutcherry	30.000	.	15.000.	45.	
46.	Roopaud	do.			15000.	46.	G.O. No 1453 dated 3d May 1869
					11.5000		

Executive Division

Projects.

No.	Locality.	Description	Amount of Estimate.	Completed Expenditure upto 31st March 1872.	Estimate 1872-73.	No.	Remarks or References.
47.	Paddicondah	Taloor Cutcherry	30,000.	"	15000.	47.	G.O. No 1453 dated 3rd May 1869.
48.	Owk	Deputy Tahsildar's Cutcherry	10,000	"	5,000.	48.	
49.	Rammalcotta	New Jail of 4 Wards	5,000.	240.	5,000.	49.	
50.	Nundikotkoor	do.			5,000.	50.	
51.	Atmakoor	do. and Sick			6,000	51.	
52.	Kurnool	New Jail of 7 Wards and do do	7,500.	1664.	5,000.	52.	
53.	do	Large Jail	10,000.	"	40,000.	53.	
54.	Adony	Civil Dispensary	20,000.	"	20,000.	54.	The Estimates were submitted to Government for the building as well as the Collector of Bellary & Cuddapah necessary sanction. Nothing has been heard of this sanction.
55.	Hospett	do.	20,000.	"	20,000.	55.	See letter No 2161 dated 23rd August 1871. This was sanctioned in February 1869.
56	Pattikondah	Restoring the Nawab's Choultry and Well	5,100		5,100	56.	
		Grant for Minor New Works the Estimated cost of each of which is below Rupees 2500			12,000		
		Total "Civil Buildings"			Rupees 7,47,520.		

Copy Engr. Office 8th
upy Bellary 3rd October 1872

Lieut Colonel
Supdg. Engineer
3rd Div

117

1153000
196000 + 5100 = 201100

269
329520

Part III

Detail of Estimate for Repairs for 1872/73.

	Estimate for 1872/73.	Amount Voted	Remarks
Military.			
Major Main repairs to Buildings	17300 N		
Brass Guns & Ammunition Carriages	3000 N		
Contingencies Police	Allowed N 2500	2500	
Civil Buildings.			
Additions Main repairs to Roads and	200 N		
Telegraphic Buildings.			
Bellary. — do — do —	200 N		
Kurnool. — do — do —	200 N	600	
Agricultural.			
Additions Main repairs to Irrigation Canals	7000 N		
Tanks Anicuts Channels			
Cuddapah. — do — do. —	30000 N		
Bellary. — do. — do. —	St. Estm. N 15000	15000	

* Recommend of Superintending Engineer Main & Annual repairs Establishment of Tanks.

Sd/ Engr Office 3rd Dn
Bellary. October
1871

Sd/ C. Mills Lt Col
Superintending Engineer
3rd Division

Statement of Estimates

Division

red for "Minor Irrigation Works"

	Districts	Total.	Remarks.
Superintending Engr 3rd Division			
Bellary		6000.	
Cuddapah.	4000	4000.	
Kurnool.	2000	2000.	
	Total Rupees	12000.	

Dated 3rd Octr 1871
Accepted
Received

P. No. 4818/71

Budget Estimate
for
1872-73.

Sd/ Engr Office 3rd Dn
Bellary 3rd Octr 1871

Sd/ C. Mills Lt Col
Sd/ [illegible] Guzmer 3rd Dn

3rd Division

Part III

Detail of Estimate for Repairs for 1872-73.

		Estimate for 1872-73. Estimated	Estimate for 1872-73. Total	Estimate for 1871-72. Estimated	Estimate for 1871-72. Total
	Civil Buildings.				
Cuddapah	Minor repairs to Revenue & Civil Buildings (Provincial)	2100	2100		2100
Kurnool	Minor repairs to Revenue & Civil Buildings (Provincial)	1000	1000		500
Bellary	Minor repairs to Revenue & Civil Buildings (Provincial)	2000			
	House rent to Medical Subordinates on Civil duty	400	2400		1900

Supdg. Engr. Police 3rd Div. Bellary, October 1871

Lt. R.E. Supdg. Engineer 3rd Division

No. 1

123

No. 1416 Superintending Engineer's Office.
3rd Division.
Bellary 30th October 1871.

From,
The Superintending Engineer
3rd Division.

To,
The Secretary to Government
P.W. Department
Fort St. George

Enclosures. 2.

Sir,

I have the honor to transmit the ac
companying copies of the Military Budget fo
1872-73 received from the Deputy Chief Quarte
Master General Ceded Districts, Bellary on the
9th Instant.

2 My remarks with reference to the various ite
are entered in the last column.

I have the honor to
Sir
Your most Obed. Servant
[illegible]
Supdg. Engineer 3d Div.

P. W. 1871 7th. Dept

From,

No. 5208.

The Superintending Engineer,
3rd Division.

To,

The Secy. to Govt.
Pub. Works Dept.
Fort St. George.

No. 1415.

Dated 6th October 187..
Received 3rd November 187..

ENCLOSURES. 2.

Estimate for Sinking
Borings for 1872-73
at the Cuddalore
Port with certain remarks
thereon Submitted

Rs 269-270-29 Lay/72

3/2827

Hyderabad Sub Div Military Works Expenditure on the Public Works Budget for 1872-73

Proposed Buildings &c and Repairs Department Medical

Estimate No.	Nature of Work	Estimated cost of original or additional Buildings or Repairs applied for	Sanctioned cost of Buildings or Repairs	Sanction of Government to Estimate	Remarks as to necessity of Buildings and references to former Correspondence	Remarks
	Original Work					
	Hair					
Estimate	Building Rooms	15000	15,000	G.G. No. D. No 1807 of 12th May 1865	Hard Coom for the Soldiers	
Estimate	Medical Stores					
Estimate	Slaughter House	2000	2,000	P.W.D. No 1107/5 20 April 1868	To provide for the new system of supplying troops with meat wherever it shall be introduced it being necessary that this person should reside near the Slaughter House to enable him to perform his duties more efficiently	Interest in Dispensary
Estimate	Quarters for Sergeant Cooks	3000	3000			
Estimate	Mortuary					do Cook for new Cemetery Called for.
Estimate	New Cemetery for the Jail	5000	5000	Ecclesiastical Dept. No 1171 1st April 1870	Most Urgently required	
Estimate	Latrine for the use of the Native Guard Orderlies & Medical Brigade Office	250	250		Very Urgently required for the present accommodation for the purpose is native being very inadequate	Arrears of Govt required
					Very The back of the quarters is quite unprotected the occupants suffer from the sun during the heat and rain during the monsoon	

Estimate for Works for carrying out the Public Works Budget for 1872-73

Supplemental List of Military

Valuation

Order

Date

Description of Buildings or Original Works Department Required

Amount required to complete Buildings for which Grants have been already made in Public Works Budget for 1872/73

Amount of Grant required for Buildings commenced in 1872/73 for which no Grant is required in 1872/73

Amount of Grant required for Buildings which will be commenced in 1872/73

Total allotment required in Budget 1872-73

Credit by Government during the year 1872-73

Remarks as to necessity of Buildings and reference to former Application

Remarks

Original Works

Major / Continued

Gun Shed — 2,000 — 2000 — Urgently required

Hospital for Officers — 8000 — 8000 — Urgently required

Library Orderly room & Regimental Quarters — 1,000 — 10,000 — Required

5000 — 5000 — Required

Mess Coffee & Reading rooms — 15000 — 15000

School Room — 8000 — 8000 — Required to Complete Ordered Scale of Barracks accommodation as laid down in Proceedings of Government P.W.D. dated 25th November 67

1 Ball Court Double — 15,000 — 15,000 — Very urgently required

1 Institute — 6000 — 6000

2 Day rooms for Women — 1000 — 1000 — Required

1 Plunge Bath for Do — 1,000 — 1,000 — Very much required

1 Regimental Work Shop — 4000 — 4000 — Hand over for the present nearly Completed

1 Do Store room — 6000 — 6000

Gymnasium — 6000 — 6000

Rear Guard — 500 — 500 — Hand for the present recommended that ground should be made by the owner of Battery

Cricket Ground

C. G. M. D. No 1807 of 12th May 1865

Supplemental List of Military Works for entry in the Public Works Budget of 1872-73

Station	Description of Buildings &c. and what Corps or Department attached	Amount of works in actual progress for which an allotment in the Budget is required for expenditure in 1872/73	Amount of works not commenced but sanctioned, for which an allotment is required for expenditure in 1872/73	Amount of works not yet sanctioned which in the opinion of the Officer Commanding the Division are required	Total allotment required in Budget of 1872-73	Orders of Government bearing reference to the subject	Remarks as to necessity of Buildings and references to former Applications	Remarks
	Original Works							
	Major / Continued							
	[illegible]							
Bellary	Hospital to contain 30 Men without buildings complete			7500	75000	G. G. M. D. No. 1807 of 12th May 1865	Required to complete Revised Scale of Barrack accommodation as laid down in Proceedings of Government Public Works Department 25th November 1867 in consequence of the strength of the Artillery at Bellary being reduced this Building will not now be required	15 The Battery has been removed from Bellary.
— " —	2 New Barracks without Verandahs			25000	25000			
— " —	School with Qrs for teacher & Workshop			6000	6000			
— " —	Alterations to Present School room			2600	2600			
— " —	Blocks of Barracks to be fitted to Canteen			3000	3000			
— " —	Improvements to Barracks			15000	15000			
— " —	Institute			15000	15000			
— " —	1 Range of Married Quarters			1,0000	1,0000			
— " —	1 Ball Court Double			8000	8000			
— " —	2 Dayrooms for Women			6000	6000			
— " —	1 Plunge Bath for Men			4000	4000			
— " —	2 Do Do for Women			8000	8000			
— " —	Gymnasium			6000	6000			
— " —	Rear Guard			9000	9000			
— " —	Auxiliary Buildings			5000	50000			
— " —	American Bowling Alley			2500	2500			

Carried forward

Sub-Principal Civil Military — Works Services and Public Works Budget for 1872-73

Division

Native

Description of Buildings or Work and what Service or Department required.

Estimated cost of new Buildings or Works required during the year 1872-73

Amount actually required during the year for completion of Buildings or Works commenced before 1872-73

Amount of Estimates for new Buildings or Works required during the year 1872-73

Total allotments required for Budget 1872-73

Total of Estimates submitted during preceding years, for Buildings or Works not commenced

Remarks as to necessity of Buildings and reference to former Application

Remarks

135

Criminal Jail

Virgin Convicts

Sub Assistant Jail

Building to be used as Store Building & Quarters for Warder

1000

2000

Very much required

Medical Institute

Walls

Removal of the present Privies Bazaar and Nuisance within Station away from the Jail Walls

500

500

Very urgently required Especially on Sanitary Grounds

6

Do.

Estimate called for.

Drainage Channel for the Jail and Cantonment Gate for the Jail

500

500

Supplimental List of Military Works for entry in the Public Works Budget of 1872-73

Station

Description of Buildings or Work for which Estimate is required

Number required

Estimated cost of each

Estimated cost of the whole

Total estimated cost required in Budget 1872-73

Cost of Quarters and Lodging allowance the Officer is entitled to

Remarks as to necessity of Buildings and references to former Applications

Remarks

155

Required

Kamptee | Stable for Medical Subordinate attached to the Regiments | " | " | 250 | 250

Head Quarters C.P.
Bellary 28th August 1871

1st Regt W.G. Woods Brigadier Genl Commanding C.D.

Assistant Captain
Offg D.A. Dy Genl C.D.
W. Webb Lieut Colonel R.E.
Engineer & Ordnance

Deputy Genl's Office C.D.
Poona 7th October 1871

No. 2803. Supdg Engrs Office 4th Division
Madras 7th October 1871.

From
Lt Colonel A. T. Wilkinson R.E.
Supdg Engineer 4th Division

To
Colonel J. Carpendale C.E.
Secretary to Government P.W.D.

Enclosures
5 Lists
2 Sheets

Sir,

I have the honor to forward my Budget lists Parts II and III for the ensuing year 1872/73, which have been prepared in accordance with the instructions contained in G.O. No. 2919 dated 4th October 1865, and G.O. No. 1511 dated 3rd June 1871.

I have the honor to be
Sir
Your most obedient servant

Commanding Colonel R.E.
Supdg Engineer 4th Division

P.P.

No. M. 5208/71

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

No.	Locality	Description	Amount of Estimate	Computed expenditure upto 31st March 1872	Estimate for 1872/73	Remarks or References
		Military				
1	Black Town	Providing Zinc Covers to the wells and filtering Cistern within the Compound of the Seven wells	Rs. 2430			Estimate will be submitted shortly to Government Vide G. O. Nos 694 and 697 dated 3rd and 4th March 1869
	Royapooram	do Royapooram Line Wells	195			
2	Fort	Constructing 2 additional Cook houses for the families of European Regiment in the Fort	5,900		5,900	Sanctioned in G. O. No. 69 dated 11th March 1870
3	Esplanade	Constructing a Hospital of the Body Guard Lines	16,200		16,200	Sanctioned for entry in Budget Vide G. O. No. 2976 dated 10th September 1869.
4	Saint Thomas' Mount	Constructing Barracks &c. for two Field Batteries in the Horse Artillery Lines	2,05,070	1,60,000	75,000	Sanctioned in G. O. No. 3399 dated 29th October 1868. The Executive Engineer Mount Road submitted a revised Estimate for Rs. 2,39,000 which has been returned for correction. The Revised estimate will be submitted shortly to Government with the comparative Statement and Explanation
5	Fort	Constructing new Barracks for two Garrison Batteries over the present Bomb-proof	80,000		80,000	In abeyance Vide G. O. No. 1262 dated 9th May 1866
		Carried Over			1,02,725	

Presidency

Chingleput

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

No.	Locality	Project. Description	Amount of Estimate	Computed Expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References
						163
		Brought Over—		182725		Sanctioned vide G.O. No. 1467 dated 29th May 1867
6	Saint Thomas	Constructing a new Verandah to South Barrack	3130		3130	To replace old wooden Verandahs entirely decayed.
7	—do—	Constructing a new verandah to North Barracks	3130		3130	—do— —do—
8	—do—	Lowering the wall and substituting Iron railings around the Garrison Hospital at Mount	8250		8250	Sanctioned vide G.O. No. 80 dated 7th Janr 1867.
9	—do—	Apothecaries Quarters for Garrison Hospital at the Mount	5850		5850	Vide G.O. No. 1979 dated 3rd July 1867
10	—do—	Constructing an Assistant Apothecarys Quarters for New Female Hospital with out houses at the Mount	3830		3830	Sanctioned in G.O. No. 3169 dated 30th September 1869 but deferred.
11	—do—	Constructing Stables for Horses for two Batteries of Artillery at Saint Thomas' Mount	30120		10000	Standard Plan. Sanctioned in G.O. No. 1892 dated 25th June 1867.
		Carried Over			216915	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original Works for 1872/73.

No.	Locality	Project. Description	Amount of Estimate	Amount Expended upto 31st March 1872	Estimate for 1872/73	Remarks or Reference
						Brought Over
12	Poonamallee	Improvements &c to Barracks Hospital and other Auxiliary Buildings at Poonamallee	10,080	10,080		Sanctioned in G.O. No. 1470 dated 30th May 1871 but deferred for want of Funds.
13	do	Constructing a Pives Court attached to Depôt Barracks at Poonamallee	4400		4400	Plan and Estimate approved by His Excellency the Commander-in-Chief and will be submitted shortly to Government.
14	Saint Thomas' Mount	Constructing Swimming Bath in connection with the Horse Artillery Barracks at Saint Thomas' Mount	12,600		12,600	Sanctioned in G.O. No. 3669 dated 17th November 1866.
15	Fort	Providing a third Story to the Quarters occupied by the Subordinate Commissariat Officers of the Ordnance Department at Fort Saint George	7,100		7,100	Deferred in G.O. No. 224 dated 23rd January 1867.
16	do	Extending Smiths Forges near the Grand Arsenal at Fort	3900		3900	Sanctioned in G.O. No. 1352 dated 26th April 1869.
17	New Issue	Constructing Buildings for setting up Machine at Gun Carriage Manufactory	4740	3709	1031	Sanctioned in G.O. No. 412 dated 9th February 1869.
		Carried Over			25,6826	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original Works for 1872/73.

Project.

No.	Locality	Description	Amount of Estimate	Computed expenditure upto 31st March 1872/73	Estimate for 1872/73	Remarks or References
		Brought over			256826	
18	Vasurpaady	Constructing additional Quarters with the requisite outhouses for the accommodation of the present number of European employés at the Gun Powder Manufactory	10170	10170		Approved vide G.O. No 273 dated 12th June 1871.
19	do	Constructing certain additional rooms at the Gun Powder Factory for new Machinery received from England	100000		100000	G.O. No 964 dated 16th April 1870. Plans and Estimates under Consideration
20	do	Constructing a Glazing house at the Gun Powder Manufactory	12500		12500	Approximate estimate submitted to Government in No 1199 dated 19 June 1871.
21	Esplanade	Constructing a Library at the Ordnance Lines at the Esplanade	11400		11400	Deferred for want of Funds Vide G.O. No 28 dated 6th August 1870
22	Saint Thomas Mount	Constructing a Bullet Factory with out houses at the Mount	57590		50000	As the Powder Ammunition Factory has to be erected shortly it may be found necessary to delay the Bullet Factory or modify the Plans.
23	do	Constructing Magazine to contain Small Ammunition Reserve at the Mount	60260			
		Carried over			440896	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

No.	Locality	Project. Description	Amount of Estimate	Computed expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References
		Brought over		440896		169
24	Royapooram	Constructing 8 Quarters in 4 Blocks for Warrant and Non Commissioned Officers of the Commissariat Department at Royapooram	33500	33500		Sanctioned pu G. O. No. 822 dated 11th March 1868 Para 2.
		Grant for Minor works the estimated cost of which does not exceed Rupees 2500 each	19604	19604		
		Total Military			494000	
		Civil Buildings				
26	Madras	Constructing a New General Post Office including Compensation for Land	237904	113927	100000	Sanctioned pu G. O. No. 3882 dated 12th December 1868, and G. O. No. 314 dated 19th June 1869 and G. O. No. 3142 dated 29th September 1869.
		Carried over			100000	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

Project No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References
		Brought Over			500,000	
27	Presidency	Madras Telegraph Office	"	50000	100000	Plan and estimate under preparation and will be submitted shortly to Government. The work will be put in hand as soon as the site is fixed upon on the 1st Line Beach.
28		Grant for Minor works the estimated cost of which does not exceed Rs. 2500 each	5. 10000		10000	
		Buildings			210,000	
		Total Civil				
		Agricultural				
29	Chingleput	Vayaloor Project for supplying Spring water to 10 villages from the Cortellar in Ponnary Taluq	46000	"	46000	Plan and estimate were forwarded to the Chief Engineer for Irrigation in letter No. 1926 dated 6th August 1870. The particulars of information regarding revenue called for by the Chief Engineer were forwarded in this Office No. 3774 dated 9th December 1870.
		Carried Over			46000	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original Works for 1872/73.

No.	Locality	Description	Amount of Estimate	Computed expenditure upto 31st March 1872/73	Estimate for 1872/73	Remarks or Reference
						173
		Brought Over			46000	
30	Trivellore	Cutting a portion of Sault River supply proper and repairing and improving Cumma Seathoor Sault & Calingulah	12800	12800		Plans and estimates were forwarded to the Collector of the Chingleput District for approval and will be submitted to Government for sanction.
31	Trivellore	Improving Kistnapurum River supply Channel to feed the Nagulapooram Red Sault	4730	4730		Plans and estimates were forwarded to the Collector of the Chingleput District for approval and will be submitted to Government for sanction.
32	Pomary	Constructing a Calingulah and two new Sluices to Madavoil Sault	3017	3017	do	do
33	Sydapet	Constructing two new Sluices and revetting with stone revetment to Coradoor Sault	4190	4190	do	do
34	Jellasore	Constructing an Annicut across the Nagulapadoo in the limits Jellasore and a Channel to supply Sault on either side in the Conjeveram and Chingleput Taluqs	38200	18366	100000	The original estimate was sanctioned in G.O. No. 3811 dated 30th November 1866. This Project is under remunerative Irrigation and a New Survey and revised estimate will be submitted shortly to Government
		Carried Over		80737		

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original Works for 1872/73.

No.	Locality	Description	Project. Amount of Estimate	Computed Expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References
		Brought Over				175
		Excavating a new Channel for irrigating the lands of Paramasweramangalam by Upanjary and Cuddalore Rs.	2300			
35	Upenjary	Constructing an Acqueduct of 3 Vents each 6 feet Span across Doiyag Madr. Rs.	610			
		Constructing a Head Sluice for the Upanjary Pilloo Channel	320			
	Chingleput					
36	Madrastitaluk	Relief Lower Amicut Project for the Irrigation of waste and Punjah lands of Kinar Poothur and Erumanallore	6000			
		Carried Over				

		Over	80,737	
3230		32303		Estimate forwarded to the Collector of Chingleput on the 23rd November 1867 for Revenue information but no reply received yet.
23300		10000		Plans and Estimate together with a report and Agreement Statement have been forwarded to the Collector on the 8th March 1871 with a request that he would depute one Officer of this Department to accompany the Executive Engineer over the Project to verify the Revenue and Compensation Statements, on their return they will be submitted to Government for Sanction.
		Carried Over	93967	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

Project. No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1872/73	Estimate for 1872/73	Remarks or References
		Brought Over	939167			
		Madras Water Supply Project Rupees 1039176				
		Puddling to the Red Hill Bund in	16670			
		Katingal Calingulah "	5044			
37	Red Hills	Raising the wing wall of Head Sluice Cortellium Lines	2900	1161079	1010727	150352
		Deep Cut Surplus Channel	127			
		Embanking the Cortellium near to the vicinity of Head Sluice	4656			
		Compensation for lands taken up in excess of the amount included in the Estimate for the Project	92777			
3	Puraiwakum	Enlargement of the Chembarumbaukum Tank Project	414000	288000	126000	Sanctioned in G.O. No. 705 dated 9th March 1871
		Carried Over	1161079			

177

Revised estimate submitted to Government in letter No. 5047 dated 15th January 1872 and G.O. No. 1100 dated 26th April 1872. Additional subsidiary works were found to be necessary for the safety of the Red Hill Tanks Feed and which were sanctioned by Government in the undermentioned Orders.

G.O. No. 1959 dated 17th August 1870
G.O. No. 826 dated 28th March 1871
G.O. No. 678 dated 7th March 1871
Chief Engineers No. 1163 dated 26th July 1871
G.O. No. 60 dated 10th January 1871

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

No.	Locality	Description	Project. Amount of Estimate	Computed expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References
						177
		Brought Over			370319	
		Respecting Arcamungalum Supply Channel	Rs. 9900			Rupees 9900 were sanctioned in G.O. No. 2374 dated 1st October 1870. The excess for compensation for the land taken up is Rupees 305.
		Compensation for land taken up	305			
		Grant for Minor Works the estimated cost of which does not exceed Rupees 2500 each	49476		49476	
		Total Agricultural			427000	

Imperial

Madras Presidency

Fourth Division

Detail of Estimate for original works for 1872/73.

No.	Locality	Description of Project.	Amount of Estimate	Computed expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or References

151
181

Imperial

District.	For Minor New works under Military	For Minor Repair works under Civil Buildings	For Minor works under Agricultural	Total for Minor New works estimated to Cost less than Rs 5000 Each.
Presidency	7,600	1000	8,500	
Chinglepat	2500	600	12,000	14,700
North Arcot	400	400	12,000	12,800
Total Rupees	10,400	1900	24,000	36,000

Supt Engrs Offices 4th Div.
Madras 7th October 1871

Abstract

Military	Rs.	494,000
Civil Buildings	"	210,000
Agricultural	"	427,000
Total Rupees		1131,000

Colonel R.E.
Supt Engr 4th Division

Enclosure

Madras Presidency
South Division

Details of Estimate for original works for 1872/73

No.	Project Locality	Description	Amount of Estimate	Computed Estimate Expenditure to 31st March 1872	Estimate for 1872/73	Remarks or References
1	Chepauk	Erecting a Senate House	2,55,896	150,000	105,896	

Superintending Office 6th Dec.
Madras 7th October 1871

Superintending Engineer 6th Dec.

Colonel R.C.
Superintending Engineer

C. No. 4794/71

Divisional List of Military Works for Entry in the Public Works Budget of 1872/73.

Station	Description of Buildings &c. and for what Corps or Department needed	Estimated Cost as detailed Estimate forwarded as attachment in the Chief Engineer's Office in 1871-72	Estimated Cost of Works proposed to be undertaken in 1872-73	Order of Government having reference to these Works	Remarks as to the necessity of Buildings and preference to former applications
	Original Works				
	Minors				
	Garrison				
Bellary	Shed for nine Transit Carts	" " 300	300	P.W. Dct. 226 of 20th January 1870	Can stand over for the present.
"	Verandah at the back of Sergeant Majors Quarters	" " 1000	1000	Do. ct. 594 of 1st March 1871	Very urgently required
"	Improvements to Roman Catholic Chapel	" " 2000	2000	Do.	Required. But Can stand over for the present.
"	Latrine for the use of Subordinates Employed in Arsenal	" " 500	500	Do.	Do.
"	Gram boiling Shed for the use of the Commissariat Mules	" 1160 "	1160	Do. ct. 3151 of 24th September 1869	Urgently required.
	2nd Royal Horse Artillery				
Bellary	Improvements to Cooks Rooms.		2260	Mo. D ct. 1613 of 16th May 1871	Stand over for the present
"	One Skittle Shed.	" 2260 "			
	European Infantry				
Bellary	Improvements to Canteen	X 200 "	200		Very urgently required
"	Do. to Fives Court	X 200 "	200		Do.
"	Latrine for the use of School		500		Do.
"	Two Skittle Sheds	4520 "	4520	Mo. D ct. 1613 of 16th May 1871	Required But can stand over for the present
	Native Cavalry				
Bellary	Two Latrines. One for Stand and Guard and Gram boiling shed and another for followers	1600 "	1600	P.W.D. ct. 1757 of 1st July 1871.	Most Urgently required

Cadet Co. Bellary

Divisional List of Military Works for Entry in the Public Works Budget of 1872/73.

Division	Station	Description of Buildings &c. and for what Corps or Department needed	Estimated cost of Buildings now erected	Estimated cost of Buildings now required	Estimated cost of Buildings required in future	Sanctioned by Government and bearing reference to the Records	Remarks as to the necessity of Buildings and preference to former Applications
		Original Works					
		Minor Continued					
		Native Infantry Regiment					
	Bellary	New Latrines in rear of Infantry Lines		5280	5280	P.W. Dets 1479 of 7th May 1869	Required
		A Latrine for Guard Room		800	800	P.W. Dets 1757 of 1st July 1871	Most urgently required
		Officers Mines					
	Bellary	Lavatory and Latrine for Staff Serjeants Quarters		500	500	P.W. Dets 594 of 1st March 1871	Required. But can shift over for the present

Cooke's Circle

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1875

Sup: Engineer Section will be called for estimate.

Divisional List of Military Works for Entry in the Public Works Budget of 1872/73.

Division Station	Description of Buildings &c. and for what Corps or Department needed	Estimated Cost of Works in detail of Original Progress Annual Allotment in 1870-71 Original Progress Annual Allotment in 1871-72 Original Progress Annual Allotment in 1872-73	Estimated Cost of Works in detail of Original Progress Annual Allotment in 1870-71 Original Progress Annual Allotment in 1871-72 Original Progress Annual Allotment in 1872-73	Sanctioned by Govt. Dept. Date & Amount	Remarks as to the necessity of Buildings or Repairs & Remarks to former Applications
	Original Works				
	Major (Continued)				
	Convalescent Depôt				
Cuddalore Division Commandg	Lightning Conductors to Guard room. Quarter Master Sergeant Sergeant Drs. Hospital Attendants Quarters	X	2960	2960	P.W. Dept. 2448 of 26th July 1869	Very urgently required
	Lightning Conductors to Barracks Married Men's Quarters and Hospital				Dept. 1305 of 12th May 1871.	
	Flooring the Verandah at the East End of the Hospital at Ramandroog with 18" Square Granite Slabs		55	55		
	Widening passage in rear of Hospital Latrine at Ramandroog and Constructing roof for storing Dry earth		250	250		
	Weather Boards to Ventilators in passage from Hospital to Latrine at Ramandroog		50	50		
	Fire places in Barracks and Family Quarters Cook Houses		300	300		
	Hand walls to back steps &c. Family Quarters at		200	200		

Urgently required — Vide Proceedings of Committee attached

Steps have been taken to obtain Estimate for these works which will be submitted when received.

Divisional List of Military Works for Entry in the Public Works Budget of 1872/73.

Division	Station	Description of Buildings &c. and for what Corps or Department needed	Estimated Cost of Works in each of Progress during the Financial Year 1871-72	Amount required for Completion of Works commenced & Estimated Cost of Works not commenced	Amount required for Completion of Works commenced & Estimated Cost of Works not commenced	Amount required during the Financial Year 1872/73	Remarks as to the necessity of Buildings and Preference to former Applications
		Slabe steps of Barrack rooms Barrack Cook House and Family Quarters at Ramandroog		50	50		
		Iron Shades to windows in the Reading Room at Ramandroog		50	50		
		Surface Drains to the Barrack Wash Houses at Ramandroog		50	50		
		Asphalting the floor of the Barrack Store room at Ramandroog		150	150		
		Constructing a Canteen room and Bar & putting in a Window to the Canteen at Ramandroog		500	500		
		Constructing an Iron Barred Door to the Solitary Cell at Ramandroog		60	60		
		Asphalting the floor of & Constructing partition walls in the Commissariat Godown. at Ramandroog		250	250		
		Constructing a Verandah Godown Stabling and Compound wall to the Apothecary's Quarters at Ramandroog		750	750		

Urgently required. Vide Proceedings of Committee attached

Vide preceding Remarks.

Leased Station

Ramandroog

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Divisional Cost of Military Works for Entry in the Public Works Budget of 1872/73.

Division	Station	Description of Buildings &c. and for what Corps or Department needed	Contract Works in accordance with Specification on the Estimate in the Public Works Budget of 1872-73	Extra Works not included in Contract but ordered by Competent Authority for Completion in 1872-73	New Works ordered by Competent Authority in the Official Communications to the Director of Fortifications	Estimated Cost of Works ordered in the Official Communications to the Director of Fortifications	Approximate Cost of Buildings being proposed to be erected	Remarks as to the necessity of Buildings and Reference thereto if former Applications
1 Command Troops	Deebrisky	Enclosing the East and West Verandahs, and Constructing a Compound wall to the Commissariat Sergeants Quarters at Camandrog	"	"	590	590		Urgently required
		Keeping a Door in the West End of the Family Qrs at Camandrog			50	50		

Head Quarters J. D.
Bellary 28th August 1871

/Sign/ W. G. Woods Brigadier General
Commanding Ceded Ds

Qr Mr Gl Office D.
Bellary 7th October 1871

Approved

Captain
Offg. D.A. Qr Mr General
Ceded Ds

30/10/71

Lieut Colonel R.E.
Asst Engineer 3d Division

Provincial C

Part III

Detail of Estimate for Repairs for 1872/73

Districts Locality	Budget Heads	Estimate for 1872/73 Amount Voted	Estimate for 1871/72 Amount Voted	Amount Expended	Remarks
	Civil Buildings				
Fort Wm	Minor Repairs to Annual Buildings	5000	4000		
Mount Road	Annual Repairs to Communal House	5000	3000		
Black Town	do do	12000	6000		
Mount Road and Chepauk	Annual Repairs to Annual Buildings	5000	8000		
	do Ecclesiastical do	1000	1000		
Presidency	House Rent to Medical Subordinates on Civil duty	9000	9000		
		37000	31000		
	Minor Repairs to Educational Buildings	10000	1000		
	Total Presidency	38000	32000		

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Provincial C

Part III

Detail of Estimates for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Amount Voted	Estimate for 1871/72 Amount Voted	Remarks
		Civil Buildings continued			158 209
Saint Thomas & Mount.		Minor repairs to General and Revenue Buildings	2500	2000	
Chingleput					
Conjeeveram					
Trichinopoly		do do	9900	4500	
Madura					
Coimbatore					
		Annual repairs to Government Revenue Buildings	3000	3000	
		do Police Stations	200	200	
		Total-Chingleput	15600	9700	

Chingleput

Provincial C

Part III

Detail of Estimates for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Total	Remarks
		Civil Buildings continued				
North Arch.	Chittoor	Minor Repairs to Government Premises Buildings	3200	2000		
	Vellore	do do	2000	2000		
	Ranipett	do do	3000	1000		
	Polur	do do		500		
		do do Police Stations	600	500		
		Total North Arcot	8700	6000		
		Total Civil Buildings	62300	47700		

Provincial C

Part III

Detail of Estimate for Repairs for 1872/73

District Locality	Budget Heads	Estimate for 1872/73 Annual Total Amount	Estimate for 1871/72 Total C	Remarks
Presidency	**Communications**			
	Roads and Government Buildings within the limits of Government Compound	9395	9395	
	Do Leading from the Fort Roads the Mount and Parambikkam	9055	9055	
	Minor Repairs to roads and Bridges &c.	2000	2000	
	Total Presidency	20450	20450	

Provincial

Part III

Detail of Estimate for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Remarks
		Miscellaneous Public Improvements			
Presidency		Minor Repairs to Buildings	1,000	300	
Chingleput		do do	200	50	
North Arcot		do do	200	50	
		Total Mis: Pub: Imp.ts	1400	400	
		Abstract			
		Civil Buildings	62,300	47,700	
		Communications	20460	20450	
		Mis: Pub: Improvements	1400	400	
		Total	84,150	68,550	

Supdg Engr Office 4th Div.
Madras 7th October 1871

Supdg Engr 4th Div.

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Imperial

Part III

Detail of Estimate for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Total	Remarks
		Military				
Presidency.	Fort Saint George	Annual repairs to roads within the Garrison	2500	2500		
	Esplanade	do do Esplanade roads	11,047	11,047		
	Beach	do do road along the east face of the Fortress	2500	2500		
	Port Saint George	Minor repairs to Buildings	16,100	16,100		
	do	Annual repairs to Fortifications	8400	8400		
	Perambore &c.	Minor repairs to Buildings	10,000	4000 / 3000		
	Esplanade	do do				
	Powder Mills and Gun Carriage Manufactory	do do	15,000			
		Establishment to Military and Medical Subordinates	15,000	15,000		
		Repairs to Parkah &c.	6000	700		
		Total Presidency	84,147	66,247		

Imperial

Part III

Detail of Estimate for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Annual Total Amount	Estimate for 1871/72 Total	Remarks
		Military continued			
Saint Thomas Mount		Annual Repairs to Cantonment Roads	1720	1720	
Pallaveram and Poonamallee		do do	1630	1630	
Chingleput	Saint Thomas Mount, Poonamallee and Pallavaram	Minor Repairs to Buildings	20000	14000	
		House rent to Military and Medical Subordinates	7000	8000	
		Total Chingleput	30350	25350	

Imperial

Part III

Detail of Estimate for Repairs for 1872/73

Distact	Locality	Budget heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Total	Remarks
		Military continued				
North Arcot		Annual repairs to Cantonment Roads	1110	1110		
		do and Ramparts Minor repairs to buildings	4000	2000		
		House rent to Military and Medical Subordinates	500	600		
		Total North Arcot	5610	3610		
		Total Military	120107	95207		

Imperial

Part III

Detail of Estimate for Repairs for 1872/73

District	Locality	Budget heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Total	Remarks
Presidency		**Civil Buildings.**				
		Minor Repairs to Telegraph and Postal Buildings	1000	200		
		do Paper Currency do	1000			
		Total Presidency	2000	200		
Chinglepat		Minor Repairs to Telegraph and Postal Buildings	1000	200		
		Total Chinglepat	1000	200		
North Arcot		Minor Repairs to Telegraph and Postal buildings	500	100		
		Total North Arcot	500	100		
		Total Civil	3500	500		

Imperial

Part III

Detail of Estimate for Repairs for 1872/73

District	Locality	Budget Heads	Estimate for 1872/73 Amount	Estimate for 1871/72 Total Amount	Total	Remarks
		Agricultural				
Presidency		Minor repairs to Tanks	3,000		3,000	
Chingleput	do	do Tanks and Channels	20,000		90,000	
North Arcot	do	do	180,000		110,000	
		Total Agricultural	383,000		203,000	
		Abstract				
		Military	120107		95207	
		Civil Buildings	3500		500	
		Agricultural	383,000		203,000	
		Total	506607		299707	

Sup.g Engrs Offices &c &c
Madras 7th October 1871
GJB.

Gridlestone Lt Col R.E.
Sup.g Engr 1st Div.

Provincial

Madras Presidency

Fourth Division

Detail of Estimate for Original works for 1872/73.

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Executive Division

Anicut Sub Division

South Arcot District.

No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
		Civil Buildings				213
1	Sydapet	Improvements and alterations to the Collectors Cutchery at Nunes Garden at Sydapet	17100	16017	1083	Sanctioned in G.O. N° 2189 dated 9th July 1868
2.	Arconum	Constructing Head Assistant Collectors Cutchery at Arconum	8220 "		8220	This project was entered in the printed Budget of 1869/70 in which it formed item N° 60. Plan and Estimate under preparation.
3	Chittoor	Improving the Hoozoor Cutchery at Chittoor	4400 "		4400	Sanctioned in G. O. N° 3310 dated 24th October 1867.
4	Guddiattum	Constructing Deputy Collectors Cutchery at Guddiattum	3400 "		3400	This Plan is being revised by the Consulting Architect to Government. The original plan and Estimate have been referred to the Revenue Depart. for observation Vide G.O. N° 302 dated 1st February 1869.
		Carried Over	17103			

Provincial

Madras Presidency
Fourth Division
Detail of Estimate for Original works for 1872/73.

227.
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Executive Division	No.	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							215
				Over		17,103	
	4½	Madras	Extending Coach house and erecting a Latrine for the use of Native Servants at the Government House — Brought	5150 / 5100	"	5,100	Sanctioned in G.O. No 2055 dated 29th June 1868. Ordered to be held in abeyance till funds were available.
	5	Black Town	Constructing a Reservoir at the General Hospital.	23,220	11,619	11,601	G.O. No. 3871 dated 12 December 1868. The Revised Estimate with comparative Statement will be submitted shortly to Government.
Presidency	6	Royapooram	Constructing foul linen rooms and sinks &c. also drainage at Leper Hospital	3,000	"	3,000	The Inspector General Indian Medical Department was furnished with an approximate estimate on the 14 Aug 1869
Chingleput	7	Chinda dripettah	Making certain improvements and additions to the Lying in Hospital	59,800	"		Deferred Vide G.O. No 30 dated 6 Aug 1870
	8	do	Latrines &c in the Lying in Hospital	5,250	3520	1730	G.O. No. 2864 dated 2 September 1869.
	9	Conjeeveram	Constructing a Civil Dispensary and out Offices &c at Conjeeveram	44000 / 44,000	3000	9500	Sanctioned in G.O. No 22 dated 4 Aug 1870
				Carried Over		48,034	

Provincial

Madras Presidency
Fourth Division
Detail of Estimate for Original works for 1872/73.

227.
220

Executive Division	No.	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							215
				Over		17,103	
	4½	Madras	Extending Coach house and erecting a Latrine for the use of Native Servants at the Government House — Brought	5150 / 5100	"	5,100	Sanctioned in G.O. No 2055 dated 29th June 1868. Ordered to be held in abeyance till funds were available.
	5	Black Town	Constructing a Reservoir at the General Hospital.	23,220	11,619	11,601	G.O. No. 3871 dated 12 December 1868. The Revised Estimate with comparative Statement will be submitted shortly to Government.
Presidency	6	Royapooram	Constructing foul linen rooms and sinks &c. also drainage at Leper Hospital	3,000	"	3,000	The Inspector General Indian Medical Department was furnished with an approximate estimate on the 14 Aug 1869
Chingleput	7	Chinda dripettah	Making certain improvements and additions to the Lying in Hospital	59,800	"		Deferred Vide G.O. No 30 dated 6 Aug 1870
	8	do	Latrines &c in the Lying in Hospital	5,250	3520	1730	G.O. No. 2864 dated 2 September 1869.
	9	Conjeeveram	Constructing a Civil Dispensary and out Offices &c at Conjeeveram	44000 / 44,000	3000	9500	Sanctioned in G.O. No 22 dated 4 Aug 1870
				Carried Over		48,034	

Provincial

Madras Presidency

Fourth Division

Detail of Estimate for Original works for 1872/73.

Executive Division	No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							217
				Brought Over 48,034			Vide G.O. No. 902 dated 3rd April 1865.
	10	Vepery	Proposed improvements to St. Mathias Church	17,150		17,150	This Project is brought forward from the Budgets of 1866/67 to 1872/73
Presidency	11	New Town	Improvements & alterations to the Penetentiary at Madras	119,650		109,650	10,000 Sanctioned in G.O. No. 3858 dated 8th December 1869 & No. 137 dated 21st April 1870
	12	Black Town	Constructing an additional Court and retiring Room for the Registrar of the Madras Court of Small Causes	9000		9000	Sanctioned in G.O. No. 32 dated 5 Sept. 1871 for inclusion in the Budget of 1872/73.
	13	do.	Constructing a Civil Debtors Jail on the South side of the Leper Hospital at Presidency	136,000		25,000	Sanctioned in G.O. No. 3637 dated 1st December 1865.
Chingleput &	14	Trivellore	Constructing a District Moonsiffs Court House at Trivellore	6220		6220	Sanctioned in G.O. No. 3534 dated 5th Nov. 1869.
	15	Chingleput	Improving the Jail at Chingleput as recommended by the Committee assembled under G.O. No. 877 dated 16th June 1865.	30000		30000	Plans and Estimates were forwarded to the Inspector General of Jails Vide G.O. No. 265 dated 11th July 1866.
				Carried Over 1,45,404			

Provincial

Madras Presidency

Fourth Division

Detail of Estimate for Original works for 1872/73.

Executive Division	No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							219
				Brought Over	145404		
	16	Arconum	Subsidiary Jail and outbuildings complete	11130	7675	3615	G.O. No. 2390 dated 22 July 1869.
	17	Terootany	Constructing Deputy Tahsildar's Cutchery Subsidiary Jail with out buildings 2d Class at Terootany	9120	"	9120	Sanctioned in G.O. No. 1558 dated 12 May 1869. Revised Estimate under preparation
North Arcot	18	Wallajapet	Constructing Subsidiary Jail & outbuildings complete at Wallajahpet	10200	"	10200	G.O. No. 1502. dated 8 May 1869
	19	Calastry	Constructing Sub Magistrates Cutcherry and Subsidiary Jail &c. at Calastry	10550	6610	3940	These works were sanctioned in G.O. No. 1597 dated 14th May 1869. Revised estimates under preparation
	20	Tripathy	Altering and improving the present Sub Magistrates Cutcherry and Subsidiary Jail &c. at Tripathy	9190	5585	3605	Vide G.O. No. 779 dated 15th March 1871. Materials have been collected. The revised plans could be adopted in these Stations.
	21	Posthoor	Constructing Sub Magistrates Cutcherry and Subsidiary Jail at Posthoor	10550	4937	5613	
				Carried Over	181497		

Provincial

Madras Presidency
Fourth Division
Detail of Estimate for Original works for 1872/73.

North Arcot

Revenue Division	No	Locality	Projects / Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
	22	Chundragherry	Constructing Sub Magistrates Cutcherry and Subsidiary Jail &c.a at Chundragherry	8870	"	8870	Plans and Estimates under examination prepared in obedience to G.O. No. 839 dated 13th March 1868.
	23	Madenpalle	Constructing Sub Magistrates Cutcherry and Subsidiary Jail &c.a at Madenpalle	6450	"	6450	Sanctioned pr G.O. No. 839 dated 13th March 1868 & No. 1803 dated 7th July 1871
	24	Chittoor	Constructing a Subsidiary Jail and improving the Talug Cutcherry and Police Station House	9240	3231	6009	The work is far advanced and will not admit of any alteration in the design.
	25	Caddiatum	Constructing a Talug Cutchery and Subsidiary Jail	30200	10943	19257	Sanctioned pr G.O. No. 839 dated 13th March 1868 " " " 1803 " 7th July 1871 " " " 186 " 21st Sept. " The work will be completed on the old design as ordered by Government.
	26	Cupum	Constructing a Deputy Tahsildars Cutchery and Subsidiary Jail	13750	377	10000	Work commenced on emergency Vide G.O. No 839 dated 13th March 1868. Plan and Estimate will be submitted shortly to Government. Work suspended for want of Funds.
	27	Venkatagherry Kotah	do do do	10500	570	8000	
						Carried Over	240083

Provincial

Madras Presidency

Fourth Division

Detail of Estimate for Original works for 1872/73.

227.
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Executive Division	No.	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							223
North Arcot	28	Palmaniar	Altering the Tahsildars Cutcherry and Subsidiary Jail and constructing an additional Subsidiary Jail with out Offices	Brought Over 240083			Plan and Estimate under examination and will be submitted shortly to Government G.O. No 839 dated 13 March 1868
				4530 "		4530 Rs	
	29	Ponganur	Altering the Sub Magistrates Cutcherry and Constructing a New Subsidiary Jail with out Offices	5600 "		5600 Rs	do do do do
	30	Vellore	Constructing a Central Jail at Vellore	375300	360570	14730 Rs	G.O. No. 372 dated 2d June 1870 Completed with the exception of a part of iron Palisading
	31	Arcot	Constructing a Taluq Cutcherry and Jail	24800	6747	18053 Rs	G.O. No. 839 dated 13th March 1868 The revised new plan can be substituted. Plan and Estimate will be submitted shortly to Government.
	32	Polur	Constructing Taluq Cutcherry and Subsidiary Jail &c	31900	18880	13020 Rs	
				Carried Over 296016			

Provincial

Madras Presidency

Fourth Division

Detail of Estimate for Original works for 1872/73.

227.
235

Executive Division	No	Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
							225
			Brought Over	296016			
North Arcot District	33	Waidiswarkoil	Additional improvements to the Taluq Cutcherry and Subsidiary jail &c.	9000	3701	5299	G.O. No 839 dated 13th March 1868 The walls of the building have been raised to 9¼ feet high. The revised plan can be adopted.
	34		Grant for Minor New Works the estimated cost of which does not exceed Rupees 2500 each	15685	...	15685	
			Total	317000			

317000
15685
301315

Supdg Engrs Office 4th Div
Madras 7th October 1871

Thomason Col R.E.
Supdg Engr 4th Div

Provincial

Madras Presidency

Detail of Estimate for Original works for 1872/73. Fourth Division

Revenue Division & Locality	Projects Description	Amount of Estimate	Computed expenditure to 31st March 1871	Estimate for 1872-73	Remarks or References.
District		No. For Minor New Works under Civil Buildings	Total for Minor New Works estimated to cost less than Rs. 500 each.		
Presidency		2000	1000		
Chingleput		1000	100		
North Arcot		500	300		
Total		3,500	3,500		

Abstract

Civil Buildings — Rupees — 317.000

Civilian Col R.E.
Supt Engr 4th Dn

227.
235

235

No. 144.

Cost. III

Statement of the Probable demand for Repairs to Buildings of the Telegraph and Postal Departments Vide G. O. No. 173 dated 25th September 1871.

Executive Division	Items	Estimate for 1872-73 Amount	Estimate for 1872-73 Total	Estimate for 1871-72 Amount	Estimate for 1871-72 Total
	Repairs to Postal Buildings.				
Bangalore	(Bangalore)	1,000	1,000	400	400
Salem	(Salem)	100	100	100	100
	Telegraph Buildings				
	Nil	"	"	"	"
		1100	1100	500	500

Superintg: Engrs Office, S. Divn,
Cuddalore, 25th September 1871.

Asstt. Engr.

Offg: Superintg.

Rc 20 Sept/71 Rc 173 do

P.W. Dr. 1871 Sept
5th Division P.W. Dr.
Number
From, No 4582.
The Offg: Supt: Engineer,
5th Division.

&c,
The Secretary to Government,
P.W. Department.

Dated 25th } September 1871.
Recd: 27th }

No 164.

Part III

Statement of the
Probable demand for
Repairs to Buildings of
the Telegraph and Postal
Departments.

No 269. 270. 29 Dy/72

Executive Division.

Salem.

5th Division — P.W.D.

Salem — District

Part VII

Detail of Estimate for Projects

Original Works for 1872-73.

No	Locality	Description	Amount of Estimate	Amount expenditure up to 31st March 1872.	Estimate for 1872-73.	Remarks or References.
		Military				
1	Madagherry	Stables at the Remount Depôt at Coimbatore	27,200	18,786	8,414	G.O. No 1772 213 dated 11th May and 28th June 1871.
2	Coimbatore	Enclosure for 24 Horses at the Malvan Railway Station, 20 miles from Coimbatore	1,550		1,550	G.O. No 775 dated 12th March 1870.
		Minor New Works (below 500 Rupees)			100	
		Total Military			10064	
		Agricultural				
		Ordinary				
1	Kistnagherry	Restoring Pengoondaporum Tank in the Kistnagherry Taluk	25,000		12,000	Submitted to Government with Letter No 82 dated 8th July 1871.
2	Ahtoor	Constructing a Tank at Valayamadavy	14,500	3,659	10,841	Revised estimate under examination.
3	—"—	Constructing a Tank at Chinnathottiapuram	8,078	4,451	3,619	Sanctioned in G.O. No 3015 of 1868.
		Minor New Works (below 500 Rupees)			6,000	
		Total Agricultural			32,460	

Section Annexure.

Salem.

No.	Locality	Description	Amount of Estimate.	Computed expenditure up to 31st March 1872.	Estimate for 1872-73.	Remarks or References.
		Provincial.				
		Civil Buildings.				
		Improvements to the Salem Jail.				
1		Constructing 3 Small Latrines	1,350		1,350	
		Do Iron Palisading in front of the Salem Jail Hospital	1,310		1,310	
		Do Debtors Wards	3,160		3,160	
		Do Wards for Female under trial and Female Debtors	1460		1460	
		Do Quarantine Wards	2,340		2,340	
		Do Inner gate-way	790		790	
		Do Deputy Jailor's Quarters with out houses	2,870		2,870	
		Do Matron's Quarters with Do	2,390		2,390	
		Improving Ventilation to 11 Cells	1,090		1,090	
		Constructing the Salem Jail Gates	650		650	
		Do two New Guard Rooms	2,520		2,520	
		Do Ten Solitary Cells	4,410		4,410	
		Wooden Gate, Cistern, &c. for Hospital	980	290	690	
		Do Do for Women Compartment	935	322	613	
					Carried over	25,643

These Revised estimates will be submitted to the Collector of Salem.

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1st Dec / 877 / 265 / 251

R.E.

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Projects.

Executive Engineer.	No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1872.	Estimate for 1872-73.	Remarks or References
			Provincial ——— (Continued)				
Salem	1	Salem	Constructing a Chief Constable's Quarter	1,700		1,700	These estimates will be submitted shortly.
			Conversion of Central Tower into an Office and Store Room	3,090		3,090	
	2	Pennagaram	Constructing a Deputy Tahsildar's Cutcherry at Pennagaram	15,980	3,154	6,000	Sanctioned in G.O. No. 139 dated 23rd March 1871.
	3	Attoor	Do. Tahsildar's Cutcherry and Subsidiary Jail at Attoor	25,670	23,000	2,670	Do. in G.O. No. 3588 of 10th Nov. 1868.
	4	Namakal	Do. Tahsildar's Cutcherry and Subsidiary Jail at Namakal	25,800	15840	6,000	Do. in G.O. No. 3566 of 16th Nov. 1868.
	5	Salem	Improvements to the Collector's Cutcherry	8,855		8,855	Do. in G.O. No. 1038 of 11th Sept. 1871.
	6	Tripatore	Post Office and Deputy Post Master's residence at Tripatore	1,000		1,000	Do. in G.O. No. 3786 of 4th Dec. 1868.
			Minor New Works below 500 Rs.			400	
			Total Provincial			55,355	

Abstract of the Grants proposed for all Original Works to be disbursed by Public Works Department.

Main Heads.	Imperial	Provincial	Total
Military	10,064	-	10,064
Civil Buildings	-	55,358	55,358
Agricultural	32,460	-	32,460
Communications	-	-	-
Miscellaneous Public Improvements	-	-	-
	42,524	55,358	97,882

Statement showing the Sums required for Minor New Works, the cost of each of less than 500 Rupees each.

District	Minor New Works under Military	Minor New Works under Civil Buildings	Minor New Works under Agricultural	Minor New Works under Communications	Minor New Works under Miscellaneous Public Improvements	Total for Minor New Works each of the cost of less than 500 Rupees.
Salem	100	400	6,000	-	-	6,500

Part III

Detail of Estimate for Repairs for 1872-73.

Items	Estimate 1872-73 Amount	Estimate 1872-73 Total	Estimate 1871-72 Amount	Estimate 1871-72 Total
Military				
Salem.				
Madgherry, Tripatore, Jollarpet — Minor Repairs to Military Buildings	2,000			
House rent to Military and Medical Subordinates	850	2,850	2,850	2,850
Total Military	2,850	2,850	-	2,850
Agricultural				
Minor Repairs to Tanks &c.	35,000	35,000	-	35,000
Civil Buildings				
Provincial				
Salem, Kistnagherry, Attoor, Nama Kal, Trichengode — Repairs to Court Houses &c.	1,500			
Do — Minor Repairs to Revenue &c. Buildings	2,000			
Coopoor, Darampury — Do	800			
Tripatore, Attengherry — Do	400			
Postal Buildings	100			
Telegraph Do	100	4,900	-	5,270
		4,900	-	5,270

Superintg: Engrs Office
5th Divn
Cuddalore, 25th Septr 1871.

James Strutt Captain R.E.,
Offg: Superintg: Engineer, 5th Divn.

No. 668.

Supg. Engrs. Office 6th Div.
Tanjur 30th October 1871.

From

Captain J. A. Hackett R.E.
Offg. Supg. Engineer 6th Div.

To

Colonel J. Carpendale R.E.
Secretary to Government
P.W. Department.

Sir,

I have the honor to forward herewith the Budget Statements Parts II and III for Imperial and Provincial works for the Tanjur and Trichinopoly Districts for 1872/73. The following is an abstract of the demands for each District under Imperial and Provincial.

Tanjur.

Imperial

Original Works

Agricultural ——— 176,871-0-0

Minor New Works below
500 Rupees each.

No. 1 Division S.I.P.W.
Tanjur District.
From
The Offg. Superintg. Engineer
6th Division.
To
The Secretary to Government
P.W. Department.
Dated 25th October 1871.
Rec'd 3rd November 1871.

Imperial and Provincial
Budget Estimate for Public
Works Establishment
District for the year
1872-73.

Agricultural ——— 10000-"-"

Repairs

Civil Buildings ——— 200-"-"

Agricultural ——— 148000-"-"

332,071-"-"

Provincial

Original Works

Civil Buildings ——— 158535-"-"

Works below 2500 Rs Each.

Civil Buildings ——— 17070-"-"

Minor New Works below

500 Rupees each.

Civil Buildings ——— 600-"-"

Repairs

Civil Buildings ——— 7300-"-"

Miscellaneous Public Improvements 5000-"-"

188505-"-"

Total Tanjur ——— 520,576-"-"

~~Trichinopoly~~

Imperial

Original Works

Military ——— 51150-"-"

Agricultural ——— 4799-"-"

Works below 2500 Rs each. 245

Military ——— 25110-"-" 253

Minor New Works below 500 Rs each.

Military ——— 1700-"-"

Agricultural ——— 3000-"-"

Repairs

Military ——— 14018-"-"

Civil Buildings ——— 200-"-"

Agricultural ——— 71000-"-"

200,977-"-"

Provincial

Original Works

Civil Buildings ——— 115638-"-"

Works below 2500 Rs each

Civil Buildings ——— 990-"-"

Minor New Works

below 500 Rs. Each

Civil Buildings ——— 500-"-"

Repairs

Civil Buildings ——— 2600-"-"

119728-"-"

Total Trichinopoly ——— 320705-"-"

2 ——— Of the original works, Imperial, Agricultural Tanjur, I have entered the

the balance of the Estimate for the Regulating Works of the Rivers Cauery as the Sum to be expended next year. The balance of the Estimates for Regulators for the principal branches of the Vennaur main also be expended next year. The Estimate for the Cauery and Vennaur Head Works not having yet been Sanctioned and the year being far advanced Rupees 1000. only are likely to be expended on the preparation of materials this year; and this only if sanction is received by the end of December. From the experience of former years, it is apprehended that one lac of Rupees may be expended on this work in 1872/73.

3 ——— An Estimate for a new Channel from the South Bank of Cauery for irrigation of Ponavasal &c villages has been prepared, and will be submitted immediately. There is no doubt that the work will be remunerative,

and

and I estimate that Rupees 1000 can well be spent on it next year.

4 ——— The other statements call for no remarks, with the exception of Part III Repairs for Trichinopoly in which I have entered Rupees 8000. as the Sum required for the repair of Public Buildings for the year. The allotment for this purpose was reduced to Rupees 4000 this year, and this Sum was expended in little more than 6 months. The subject has been already referred to Government and the actual necessity for an increased allotment next year is beyond question.

I have the honorable
Sir
Your most obedient Servant

J. Mc Neill Captain R.E
Offg. Supg. Engineer 6th Dist.

Public Works 1871 Department
Jan. Chief Gen. Off.ce January
No. 5232

Title of Act Sec. 1 Legislative
Sec. 2 Executive

Title Secretary to
Lieut. Governor &
Sec. 2 Chairman &c.

Assented 30th October, 1871
Received 3rd November 1871.

Pg. 668.

Cen: 10.

Forwards Budget
Statements Parts II
and III for Imperial
and Provincial Works
for the Fraser and
Fraser Valley Districts
for the year 1872/73.
No. 269. 270. 29th Dec/72

No. 5239

6th

Provincial — Trichinopoly — Part II

Detail of Estimate for Project

Executive Division — No. — Locality — Description

No. 1 — Range 1 — Trichinopoly — Canal Buildings. Constructing a Quarter

No. 2 — Do. — Do. — Do. a new Quarter Deputy at Trichinopoly — Deputy — 18500 — 4625*

No. 3 — Range 3 — Woodiarpolium — Constructing a 2nd Deputy Kutcherry at Areakone — Collector — 2940 — 687 — 2253

2nd Division

6 Budget Original Works for 1872/73.

Amount of Estimate	Expenditure up to 31st March 1872	Estimate for 1872/73	Remarks or reference (Also particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Govt of India the Register No. should be quoted)
15700	2178	5000	Estimate submitted with letter No. 605 dated the 21st August 1869. Vide also G.O. No. 231 dated the 20th July 1869.
			Sanctioned in G.O. No. 2937 dated 7th September 1869. * Portion to be contributed from Government funds.
			Sanctioned in G.O. No. 2197 dated 9th July 1868. Item No. 64 in Part II Budget of 1869/70. Work stopped under G.O. No. 4015 dated 29th December 1869.

Project.

Executive Division	No.	Locality	Description		Amount of Estimate	Comp. to latest Estimate = deduct vide 3rd March 1871	Estimate for 1872/73	Remarks or References (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward		"	"	56878	261
			Subsidiary Sales and Contingencies.					
	No 1 Range	4 Friedrichsfelde	Constructing a Deputy Collectors and Sub Jail with houses at Kalgady as per Standard Plan No 2	Subdivl Sta dard	13680	8558	4798	
	No 2 Range	5 Kroonberg	Do a Deputy Tahsildars and Sub Jail with Sub Houses including Compound wall &c Godowns and Fencing	Collectors and Tahsildars as per Standard	13160	3140	10020	
	No 3 Range	6 Woodiarpolliem	Do a Deputy Tahsildars Sub Jail with Sub Houses at Pattam as per Standard Plan No 2	Standard	14250	3108	11142	Sanctioned in G.O. No 2475 dated 28th July 1869.
	No 4 Range	7 Coolidalay	Do a Firka Tahsildars Office Plan No 1 with Subsidiary Jail Cutcherry and 2 Small Godowns &c &c as per Standard Plan No 2	Standard as per No 2 Plan with additions	27990	7853	20137	
	No 3 Range	8 Woodiarpolliem	Reconstructing Sub Jail with Work Sheds Room &c Godowns and Fencing as per Standard Plan	Large Guard Cut way Ord	6000	1899	4101	
			Carried Over		"	"	107076	

Amt. to be sanctioned 1872/73 Rs 65,670-29-0 Cash

Project

Executive Division	No.	Locality	Description		Amount of Estimate	Corrected Estimate vide Mass. Est. 1871	1872/73 Estimate for	Remarks or Reference (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Govt. of India the Register No. should be quoted.)
					"	"	107076	263
No 3 Range of Woodlands			Erection of Quarters for Sub Assistant Surgeon and Hospital Assistant at Tonoo	Civil Works and Repairs	8540	779	7761	Sanctioned in G.O. No 2475 dated 25th July 1869
	10		Erection of Quarters for Sub Assistant Surgeon at Kadoo	Civil Works and Repairs	912	111	801	
							115638	
Executive Building								
Miscellaneous Public Improvements								
Jail					"	"	"	

Abstract of the grants to be disbursed by the

for all original Works P.W. Department.

Main Heads	Provincial	Local	Total
Civil Buildings	115638	"	115638
Mis. Public Purposes	"	"	"
Total	115638	"	115638

Certified — Captain R.E.

Capt. Engr. Engineer &c. &c.

Trichinopoly District.

List of Minor Works below Rs. 2500 each recommended for execution in 1872/73.

Description of Work	Amount of Estimate	Remarks
Civil Buildings:		
Contingent Charges &c required by the Collectors Cutcherry at Trichinopoly	390	Sanctioned vide G.O. No. 2682 dated 14th November 1870.
Total Civil Buildings	390	

Supdg. Engr's Office 6th Dec.
Tanjore 30th October 1871.

Jno. Actual Captain R.E.
Offg. Exec. Engr. 6th Dec.

Detail of Minor Works for 1872/73.

Description of Work	Amount of Estimate	Remarks
For Minor New Buildings, Civil Remains Brought forward		
For Minor New Buildings, Civil		
Two Godowns for salt at Nagore	500	
Two Godowns for salt at Negapatam	500	
Two Godowns for salt at Karaikal	500	
Two Godowns for salt at Tranquebar	500	
Two Godowns for salt at Cuddalore	500	
Two Godowns for salt at Porto Novo	500	
Two Godowns for salt at Pondicherry	500	
Two Godowns for salt at Karikal	500	
Two Godowns for salt at Devanampatnam	500	
Two Godowns for salt at Alumparai	500	
Two Godowns for salt at Sadras	500	

Trichinopoly Dist.

Jno. Actual Captain R.E.

Supdg. Engr's Office 6th Dec.
Trichinopoly 14th December 1871.

Enclosure in a letter from
the Supt Engineer 6th Dn
to the Secretary to Govt
D.R.W. No 668 —
dated 30th October 1871

P.W. 5232/71

Provincial
Irrigation & District
Part II Budget
Detail & Estimates for
Original Works for
1872-73

6a
Dw
"
Tanjore District
Part III Budget

Provincial Detail of Estimate for original Works for 1872/73.

Executive Division	No. "	Locality	Description	Amount of Estimate	Amount of Estimate for 1872/73.	Remarks or references (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Govt of India the Register No. should be quoted).
			Civil Buildings			
	No 1 Range 1	Tanjore	Constructing a Jail at Tanjore	64000	32000	Sanc. Provl Lr G.O. No. 3622 dated 17th December 1864
	No 3 Range 2	Mayaveram	Constructing Mud Wall and collecting Contingency at Mayaveram	5500	5500	Estimate ordered to lie over in G.O. No 557 dated 23rd April 1870.
	No 5 Range 3	Kumbaconum	Building Grant for the Construction of a new Jail for the Native Division at Kumbaconum	2750	2750	Sanc. Provl Lr G.O. No 114 of 19th October 1870.
	No 2 Range 4	Combaconum	Constructing a Provincial College at Combaconum	70000	25000	Govt Sup. Engrs letter No 513 dated 9th September 1871.
					65250	

Project

Executive Division	No.	Locality	Description		Amount of Estimate	Completed Expenditure up to 31st March 1871	Estimate for 1872/73	Remarks or References (The particulars as to whether the Estimate has been prepared or Sanctioned should be entered here. If Sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward		65250			
			Subsidiary Jails and Cutcheries					
No 1 Range	5	Tanjore	Constructing New Sub Magistrates Cutchery on Standard Plan No 1 with 4 large and Small Jail wards and houses at Tanjore	Main Standard 3 Out	27300	14373	12927	
No 3 Range	6	Shealy	Do a new Sub Magistrates Cutchery on Standard Plan No 1 with 2 large and 2 Small Jail wards and houses at Shealy	Cutchery 2 large and	23960	11532	12428	
					22880	3069	19811	
No 5 Range	7	Puttocottah	Do Do at Puttocottah					
No 2 Range	8	Combaconum	Do a Deputy Tahsildars at Kerovidamundoor on Plan No 2 with 2 large and Small Jail wards and houses	Cutchery Standard 2 Out	12170	4111	8059	Sanctioned in G.O. No. 2475 of 28th July 1869.
No 3 Range	9	Mayaveram	Constructing a Deputy Tahsildars Cutchery at Porcauri on Standard Plan No 2 with 2 large and 2 Small Jail wards and houses	Tasildars 2 wards	12915	6948	5967	R.C.
					124442			

83

2 each.

73

No

Sanctioned

Project

Executive Division	No.	Locality	Description		Amount of Estimate	Completed Expenditure up to 31st March 1871	Estimate for 1872/73	Remarks or Reference (The particulars as to whether the Estimate has been prepared or Sanctioned should be entered here. If Sanctioned by the Govt. of India the Register No. should be quoted)
			Brought forward		124442			
No. 4 Range	10	Tirootoraipoondy.	Constructing a Deputy Tahsildary Cutchery at Tadarnieum on Standard Plan No. 2 with 2 large and 2 small Jail Wards and Out houses		12620	4280	8340	
No. 3 Range	11	Mayaveram	Constructing Sub Jail of 2 large and 2 small wards with Police Guard Room and Out houses in the Compound of Taluq Cutchery at Mayaveram	2	7299	5168	2131	Sanctioned in G. O. No. 2475 of 28th July 1869.
No. 5 Range	12	Mannargoody	Do. 2 Small Wards to the existing Sub Magistrates Cutchery at Needamungalum		3725	1917	1808	
Do.	13	Do.	Do. 3 new wards with houses at Mannargoody	Out	4567	1129	3438	
No. 4 Range	14	Negapatam	Constructing Sub Jail of 3 large and small wards with Out houses in the Compound of the Taluq Cutchery at Negapatam	3	7200	3390	3810	
					143969			

Project

Executive Division	No.	Locality	Description	Amount of Estimate	Completed Expenditure upto 31st March 1871	Estimate for 1872/73	Remarks or Reference (The particulars as to whether the Estimate has been prepared or Sanctioned should be entered here. If Sanctioned by the Govt. of India the Register No. should be quoted)
			12 Long Barrack			143969	
	15		Subsidiary Pail to the below 2500 Rupees each as per the accompanying list of	18000	3494	14506	
			Total Civil Buildings			158535	
			Miscellaneous Public Improvements.				
			Nil			" " "	

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Abstract of the Grants proposed for all original Works to be disbursed by the P. W. Department.

Main Heads		Provincial	Local	Total
Civil Buildings		158535	"	158535
Gen. Public Improvements	ditto	"	"	"
Total		158535	"	158535

Supg. Engr's Office 6th Dn
Lanjur 30th October 1871.

Actual - Captain R.E.
Offg. Supg. Engineer 6th Dn

Tanjore District

List of minor Works below Rs. 2500 each recommended for execution in 1872/73.

Description of Work	Amount of Estimate	Remarks
Civil Buildings.		
Constructing a Iron-cliff Court House at Nagamaram	2020 ✓	Sanctioned in G.O. No. 3126. of 2nd October 1866
Erecting a Sea Customs House at Valangunny	1480 ✓	Do. in G.O. No. 3361. of 30th October 1867
Improving the Cemetry of Roman Catholic at Negapatam	2250 ✓	Do. in G.O. No. 350. of 4th February 1867.
Constructing a Dead House for the Civil Dispensary at Combaconum	1480 ✓	Do. in G.O. No. 2243. of 10th July 1869
Do. Do. for Do. at Tranquebar	1560 ✓	
Adding a new Room to the Building occupied as Assistant Collector's Cutchery at Combaconum	1100 ✓	Do. in G.O. No. 136. of 24th November 1870.
Carried Over	9890	

Description of Work	Amount of Estimate	Remarks
Brought forward	9890	
Constructing Quarters for a European Head Constable on the Clerical frontier	1590 ✓	Sanctioned in G.O. No. 141. of 23rd Septr. 1870 — vide also G.O. No. 2426 of 7th October 1870
Constructing a Sub Station House & huts for the Police Force in the District of Tanjore	1500 ✓	Do. in G.O. No. 770 of 17th February 1871.
Constructing huts for the Salt Police at Tranquebar	2020 ✓	Sanctioned in G.O. No. 100. of 17th October 1870.
Do. a head Constable's hut at — Do.	270 ✓	
Constructing drain for the Civil Jail within the Fort of Tranquebar	1800	Estimate forwarded to the Inspector General of Jails on the 4th August 1871.
Total Civil Buildings	17070	

Supy. Engrs. office 6th Dec. Tanjore 30th October 1871.

Submitted. Capt. R.E. Offg. Supy. Engr. 6th Dec.

List of Minor new Works for 1872/73

District	For Minor new Works under Civil (New) Buildings	For Minor new Works under Min. Public Improvements	Total for Minor New Works estimated to cost less than 500 Rupees.	Remarks
Tanjore	600 " "	" " "	600 " "	

Supdg. Engrs Office 6th Div.
Tanjore 30th October 1871.

Actl. Captain R.E
Offg. Supdg. Engr. 6th Div.

182.

Enclosure in a letter from the Supg Engineer 6o Dwn to the Secretary to Govt D. F. W. No 668 dated 30th October 1871

P. W. 5232/71.

Provincial.

Tanjore Division

Part A Budget

Detail of Estimates for Original Works for 1872-73.

Provincial A 83

Trichinopoly District

List of Subsidiary Jail Works below 2500 Rs each.

Description of Work	Amount of Estimate	Amount existing expenditure up to 31st March 1872	Estimate for 1872/73	Remarks
Alterations to the Taluq Cutcherry at Perambalore	420	111	309	
Do to the Taluq Cutcherry at Jayangondacholapuram	492	"	492	
Total	912	111	801	

Supg Engr Office 6th Dec 1871
Tanjore 30th Oct 1871

Executed. Capn R.E.
Offg Supg Engr 6th Dec

Enclosure in a letter from
the Supt Engineer 6th Div.
to the Secretary to Govt
D.P.W. No 668
dated 30th October 1871

P.W. 5232/71

A

Provincial
Lunatic Asylum
&
List of Subsidiary Jail
Works below 2500 Rs
each.

Provincial

6e Dw

Trichinopoly District

Part III 6 Budget

Detail of Estimate for Repairs for 1872/73.

		Estimate 1872/73		Estimate 1871/72	
		Amount	Total	Amount	Total
Trichinopoly					
Civil Buildings					
Trichinopoly Station	Minor Repairs to Revenue &c. Buildings	1000	"	"	1000
Moosery & Perambalore Stations	do	500	"	"	500
Woodiarpolieum Station	do	500	"	"	500
Koolitalay Station	do	400	"	"	400
do	to Police Stations	200	"	"	200
Total Civil Buildings		2600	"		2600
Miscellaneous Public Improvements					
Nil					

Suby Engr & Offg 6e Dw

Tanjore 30th October 1871

Forwarded

Capn R.E.

Offg Suby Engineer 6e Dw

No. 1.

Enclosure in a letter from the Supt Engineer & Dft to the Secretary to Government D Pts. No 668 dated 30th October 1871

Provincial

Principal Postal Postal

Part III Budget.

Detail of Estimate for Repairs for 1872-73

Imperial

6th Trichinopoly Division

Part II Budget

Detail of Estimate for Original Works for 1872-73.

Project

Executive Divisions	No.	Locality	Description		Amount of Estimate	Computed expenditure to 31st March 1872	Estimate for 1872-73	Remarks or references. (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Government of India the Register No should be quoted.)
			Military					
Trichinopoly	No 1	Range 1	Stables for the Horses of Battery of Artillery		17500	"	17500	Sanctioned in G. O. No 395 dated the 1st February 1856. a revised Estimate according to the Standard plan is called for in G.O. No 3780 of 3rd December 1868. the Estimate will be forwarded.
Do	2	Do	Recreation and coffee Room for the Detachment British Infantry		7100	"	7100	Sanctioned in G. O. No 2765 of 28th August 1868. Work deferred under G. O. No 3142 of 5th October 69. The Brigade Major Southern District states as follows regarding the work. "Necessary. The arrangement proposed and carried out on G.O. No 3812 of 29th September 1868, Military Department was made when one Company of British Infantry was located at Trichinopoly. There are now two Companies."
					24600			

Project

Executive Division	No	Locality	Description		Amount of Estimate	Computed Expenditure upto 31st March 1872	Estimate for 1872-73	Remarks or references. The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Government of India the Register No should be quoted.)
			Brought forward				24600	287 293
No 1 Range	3	Trichinopoly	Constructing Quarters for Conductor of the Ordnance Department	a Detached	4060	"	4060	Sanctioned in G. O. No 3578. of 8th November 1869.
Do	4	Do	Constructing Quarters for Sub Conductor and two Staff Sergeants of the Ordnance Department at 3600 Rupees each	one Sergeants	10800	"	10800	Sanctioned in G. O. No 3578 of 8th November 1869.
Do	5	Do	Improvements to the Latrines the Native followers attached the Battery of Artillery and Regiment Native Infantry Trichinopoly	of the Regt at	4110	"	4110	Do
Do	6	Do	New Privy for the men of Detachment of British Infantry	the Regt	3380	"	3380	Sanctioned in G. O. No 31 of 6th January 1871.
Do	7	Do	A new Guard Room, cook up, 3 Cells, for the Detachment British Infantry including house and Mortuary	and of wash	14000	"	14000	Not sanctioned. In List of work submitted for the Approval of His Excellency the Commander in Chief for entry in Budget of 72/73 by the Brigadier General Commanding the Southern District.
							60950	

Project

Executive Division	No	Locality	Description		Amount of Estimate	Completed expenditure up to 31st March 1872	Estimate for 1872-73	Remarks or references. (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Government of India the Register No should be quoted.)
							60950	295
No 1. Range 8		Trichinopoly	Quarters for Garrison Hospital Sergeant	Hon: artillery	3600	"	3600	
Do	9	Do	Do for Garrison Sergeant Major	Do	3600	"	3600	Not sanctioned. These buildings are stated to be necessary as at present the Military Subordinates are accommodated in private Buildings rented by the Executive Engineer
Do	10	Do	Do for a Sub Conductor of the Commissariat Department	Do	3600	"	3600	
Do	11	Do	Do for a Staff Sergt Commissariat Department	Do	3600	"	3600	
Do	12	Do	Harness Room for the No 1 of Artillery	Do	2500	"	2500	Not sanctioned. This work is stated by the Brigade Major as "Necessary. The room at present in use being so small as to admit of no cleaning being performed therein.
Do	13	Do	An ablution and Wash for the Detachment 2nd Bn Infantry	Honourable	3300	"	3300	Not sanctioned. This work is stated as "Necessary. the present building being quite unsuitable in its arrangements for the
							81150	

Executive Division

Project

Locality

Description

Amount of Estimate	Computed excess or saving as compared with Estimate for 1872-73	Remarks or references (The particulars to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Government of India the Register No should be quoted)
Brought forward ——— 81150		its intended purpose, and being most inconveniently situated at the extreme end of the row of Bungalows. 297
Total Medical ——— 81150		

Civil Buildings

Jail ——— " " "

Executive Division	Project No. & Locality	Description	Amount of Estimate	Computed Amount due upto 31st March 1872	Estimate for 1872-73	Remarks or references. (The particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Government of India the Resolution No. should be quoted)
						799
		Agricultural				
	No 4 Range 1 Koolidallay	Improvement of Ranga Tocal	12500	7701	4799	Item No. 43 in Budget 71-72 Required in 1872/73 if not allotted in the present year
		Total Agricultural			4799	

Abstract of the grants proposed for all original Works to be disbursed by the Public Works Department-

Main Heads	Imperial	Local	Total
Military	81150	"	81150
Civil Buildings	"	"	"
Agricultural	4799	"	4799
Total	85949	"	85949

Sub. Engineer's Office 6th Dec.
Jaipur 30th October 1871.

Captain R.E.
Offg. Engr. 6th Dn.

Trichinopoly District

List of Minor works below Rs 2500 each recommended for execution in 1872-73.

Description of work	Amount of Estimate	Remarks
Military		
Enclosing a piece of ground in front of the Royal Artillery Family Quarters for the purpose of Soldiers Garden	1100	Sanctioned in G. O. No 1952 of 16th July 1869.
Providing Punkahs for the Family Quarters of the Royal Artillery	795	Do in G. O. No 1755 of 12th June 69
Constructing a Skittle alley adopted for the American Bowl game for the Detachment of the 12th British Infantry	2000	Do in G. O. No 1814 of 30th June 1869
Two Solitary Cells for the 26th Regiment Native Infantry in the Cantoonment Lines	920	Do in G. O. No 2165 of 5th July 1869
carried over	4815	

Description of work	Amount of Estimate	Remarks
Brought forward	4815	
Constructing a Privy for the European Detail Hospital at Trichinopoly	1700	Sanctioned in G. O. No 3578 of 8th November 1869
Alterations to the Quarters occupied by the Hospital Sergeant attached to the European Detail Hospital at Trichinopoly	610	Do in G. O. No 1026 of 13th April 1870
Alterations to the Non Commissioned Officers Privy & for a New Privy for the Battery of Artillery at Trichinopoly	2250	Do
Converting old Medical Stores into Quarters for 2 Sepoy Cases	490	Do in G. O. No 31 of 5th January 1871.
Altering the seats of the existing Privies in use with the European Troops at Trichinopoly	370	Vide G. O. No 1544 of 8th June 1871
carried over	10235	

297

303

Description of work	Amount of Estimate	Remarks
Brought forward	10235	
Constructing Stables for two Horses for Apothecaries occupying the Converted Quarters of the old Medical Stores	440	Sanctioned in G.O. No. 1025 of 13th December 1870
Erecting a new Flag Staff on the Rock in the Fort at Trichinopoly	380	Do.
Constructing a Bell Stand for the Ordnance Depot at Trichinopoly	112	Do.
Constructing a Prison for the Families of the Detachment of British Infantry at Trichinopoly	1410	Sanctioned in G.O. No. 31 of 6th January 1871.
Covering with wire netting the ventilators of the Military Hospital at Trichinopoly	182	Vide G.O. No. 31. dated 6th January 1871.
Roofing in Latrines of Native followers of the Detachment of British Infantry and adding dry earth Store and Cart Shed	2055	In list of works submitted for the approval of His Excellency the Commander in Chief for entry in Budget of 72/73 by the Brigadier General Commanding the Southern District.
Carried over	14814	

Description of work	Amount of Estimate	Remarks
Brought forward	14814	
A Latrine for the use of the Commissariat employed in the Bakery	300	In list of works submitted for the approval of His Excellency the Commander in Chief for entry in Budget of 72/73 by the Brigadier General Commanding the Southern District.
Alterations to the Building converted into Ordnance Stores	700	Do. Estimates for these works were forwarded for the approval of His Excellency the Commander in Chief on the 13th April 1870, but not yet returned
Constructing Black Smiths Forge in accordance with Standard Plan minus the Shoeing Shed for the Ordnance Depot	1370	
A new Cook Room for the Families of the Detachment of British Infantry	500	In list of works submitted for the approval of His Excellency the Commander in Chief for entry in Budget of 1872/73 by the Brigadier General Commanding the Southern District.
Latrines for the Lascars of the Ordnance and Camp Equipage Department within the Depot enclosure	600	
An expense Magazine for the 26th Regiment N.I. in the Poothoor lines	650	
Carried over	18934	

Description of work | Amount | Remarks

Birzyan Fortress ——— 1873 4
Rue Sokolsky Gate for the
38½ Regiment Barracks ——— 4 ½
in the Suburbs ———

Fencing & Planting Enclosure
& Erection Flagstaff in
Cavalry Quarter at Prichinsky (150

Fencing round Cantonment
& Officers' Room of the
Artillery at Prichinsky ——— 1/2

Erection Barrack Store & Stables
for the 2nd Battalion 38th Rifle Regt
at Prichinsky ——— 3750

Erection Officers' Quarters for
the 2nd Battalion 38th Regiment
Public & Quarters for Lieut
Quartermaster & Clerk's
Quarters & Stables for Artillery
at Prichinsky ——— 4500

Erection of Officers' Quarters &
Stables for Artillery Staff
Officer and Garrison Quartermaster
at Prichinsky ——— 1500

Superintending & Repairing
Regimental Buildings in use at
the Cantonment of Prichinsky
for the Year 1874 ——— 1824

Total Rupees — 25110

Supdg. Engr's Office 6th Div.
Kaiyur 30th October 1874.

Approved. Captain R.E.
Offg. Supdg. Engineer 6th Div.

Detail of Minor New Works for 1872-73

District	For Minor New Works under Military	For Minor New Works under Civil Buildings & Postal and Telegraph	For Minor New works under Agricultural	Total for Minor New Works estimated to cost less than 500 Rupees each
Prichinsky ———	1700		3000 ..	4700 ..

Supdg. Engrs. Office 6th Div.
Kaiyur 30th October 1871.

Approved. Captain R.E.
Offg. Supdg. Engineer 6th Div.

302

Enclosure in a letter from the Supg Engineer 6th Du to the Secretary to Government D. No W. No 668 dated 30th October 1871

P. W. S 232/71

Imperial
Trichinopoly District
Part A Budget

Detail of Estimate for Original Works for 1872-73.

302

Enclosure in a letter from the Supg Engineer 6th Du to the Secretary to Government D. No W. No 668 dated 30th October 1871

P. W. S 232/71

Imperial
Trichinopoly District
Part A Budget

Detail of Estimate for Original Works for 1872-73.

302

Enclosure in a letter from the Supg Engineer 6th Du to the Secretary to Government D. No W. No 668 dated 30th October 1871

P. W. S 232/71

Imperial
Trichinopoly District
Part A Budget

Detail of Estimate for Original Works for 1872-73.

6a Div

Imperial — Trichinopoly Division

Part III

Detail of Estimate for Repairs for 1872/73.

Military

	Estimate 1872/73 Amount Total	Estimate 1871/72 Amount Total	
Trichinopoly Station — Minor Repairs to Buildings	8000	4000	× Vide GG No. 2376 dated 19th September 1871- The amount allotted for Military Repairs in 1871/72 has been found to be quite insufficient & the execution of several Estimates for urgent ~~Repairs~~ has been postponed for want of funds.
Cantonment Roads	1188	1188	
House rent on account of Military Subordinates			
Medical Subordinates	4500	4100	* The rate of monthly expenditure under this head has increased, hence the excess applied for for 1872/73-
Regimental duty			
Do Do on account of Hospital Purveyors	330	330	
Total Military	13018	9618	

Civil Buildings

Trichinopoly District — Repairs to Postal & Telegraph Buildings	200	180	Vide Budget Statement for- warded with letter No. 570 dated 23rd September 1871-
Total Civil Buildings	200	180	

		Estimate 1872/73. Amount	Total	Estimate 1871/72. Amount	Total
Trichinopoly	**Agricultural**				
Coleroon Anicut	Repairs to Coleroon Anicut	3500			
	Defensive Works including annual plant	6000			
	Repairs to Sluices, Calingulahs &c.	500			
	Maintenance of plantations, annual & Coath watchers	1500	11500		
Cauvery Anicut	Repairs to the Cauvery Anicut	10000			
	Defensive Works including annual plant	2500			
	Repairs to Sluices, Calingulahs &c.	500			
	Maintenance of plantations, annual & Coath watchers	1000	14000		
Colleroon Anicut	Repairs to the Colleroon Anicut	10000			
	Defensive Works including annual plant	5000			
	Repairs to Sluices, Calingulahs &c.	500			
	Maintenance of plantations, annual & Coath watchers	2000	17500		
	Carried Over		43000		

		Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
	Brought forward		43000		
Iyaur River	Repairs to the Iyaur River banks	1000			
	Defensive Works including Channel plant	250			
	Repairs to Sluices, Calingulahs	Do 250			
			1500		
Coppaur River	Repairs to the Coppaur River banks	150			
	Defensive Works including Channel plant	150			
	Repairs to Sluices, Calingulahs	Do 1200			
			1500		
Wyacondaw Channel	Repairs to the Wyacondaw Channel banks	3000			
	Do to Sluices, Calingulahs	Do 2000			
	Clearance of bed	3000			
			8000		
	Carried over		54000		

	Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
6 Draught Animals		62250		
Minor Repairs to Tanks, Channels &c		8750		
Total Agricultural		71,000		71,000

Supdt Civil Office &c &c &c
Tanjore 30th October 1871

Actual ... Cosm R.E.
Offg Supdt Engineer &c &c &c

Enclosure in a letter from the Superintendent of Jails to the Secretary to Government No. 668 dated 30th October 1871

No. 5232/71

A

Provincial
Paupers Dietary
Scale of Subsidiary
Jail Works Labour
Rs 2500 each.

325

6th
Jaujur
Part

Dw.
District
II Budget

Imperial

Detail of Estimates for Original Works for 1872/73.

Executive Division

Project

No. Locality

Description

Amount of Estimate

Amount of Estimate for 1872/73

Remarks and reference
(Here particulars as to whether the Estimate has been prepared or sanctioned should be entered here. If sanctioned by the Govt. of India the Register No. should be quoted.)

Military

Nil

Civil Buildings

Nil

Agricultural

(5)

No. 182 Rungpur Jaujur and Barbacomm

Regulating works for the improvement of the River Canary. Deduct amount to be charged Local Funds as per G.O. No. 118 dated 16th January 1869

improvt 137700
6 " 15 " 31430

103430 92933 10557

Item No. 40 in Part II-6 Budget of 71/72.
This does not include the sum of Rs. 10000 allotted in 1871/72 the same having been surrendered vide letter No. 6658 dated 30th Oct. 1871.

Carried over — 10557

Project. Executive Division No.	Locality	Description		Amount of Estimate	Completed Expenditure upto 31st March 1871	Estimate for 1872/73	Remarks or References the particulars as to whether the Estimate has been prepared or sanctioned should be entered here If sanctioned by Govt of India the Register No. should be quoted.
Nos 1, 2 & [illegible] Raujeer, Combalgaon Raujeer & Caumeer and Caumeer Lumm		Brought forward		and		10557	
		Regulators for the principal branches of the Lemm and		cipal	197240	140926	56314
							Item No 41 in Part II Budget 1871/72 × This includes Rs 10000 being the the additional grant required in 1871/72 - vide letter No 665 dated 30th October 1871.
No 1 Nagpore — Raujeer —		Causeway & Culvert head		works	520260	10000	100000
							Item No 42 in Part II Budget 1871/72 & G.O. No 2116 dated 5th September 1870. * Of Rs 15000 allotted in 1870/72 Rs 14000 have been surrendered vide letter No 665 dated 30th Oct 1871
No 1 Nagpore — Raujeer —		Cutting a new Channel Masonry works from South bank of Colleroon the irrigation of Poundkeer Villages		with the work			
					20000	10000	Estimate will shortly be submitted.
		Total Engineering		al		176871	

Abstract of the Sums to be disbursed by the for all original Works P.W. Department.

	Imperial	Local	Total
Military			
Civil & Buildings			
Agricultural	176871 " "		176871
Total	176871 " "		176871

Supdt. Engr's Office Calcutta Dec. 1871
Jamui 30th October 1871

Total actual Establishment R.E.
Supdt. Engr. Calcutta Dec.

Tanjore District.

List of minor new Works below Rupees 2500 each recommended for execution in 1872/73.

Description of Work	Amount of Estimate	Remarks
Nil		

Supdg. Engr. Office C. Dn. }
Tanjore 30th Octr. 1871 }

(Sd.) [illegible]

(Sd.) [illegible]

True Extract
Captn. R.E.
Offg. Supdg. Engr. C. Dn.

Detail of Minor New Works for 1872/73.

District	For minor new Works under Military	For minor new Works under Civil Buildings Postal & Telegraph	For minor new Works under Agricultural	Total for minor new Works estimated to cost less than Rs. 2500 each
Tanjore	" " "	" " "	10,000 " "	10,000 " "

Supdg. Engr.'s Office C. Dn. }
Tanjore 30th October 1871 }

(Sd.) [illegible]
Captn. R.E.
Offg. Supdg. Engr. C. Dn.

Enclosure in a letter from
the Chief Engineer 6th Division
to the Secretary to Government
No. G. & W. 2668
dated 30th October 1871

3,95,000
23,000
191
8,77,000

P.W. 5232/71

Imperial
Bungalow Division
Part II Budget

Detail of Estimate
for Original Works
for 1872-73

6th Div.

Imperial — Tangier District.

Part III — 6 Budget.

Detail of Estimate for Repairs for 1872/73.

		Estimate 1872/73	Estimate 1871/72
		Amount Total	Amount Total
Military			
Civil Buildings			
Tangier District — Repairs to Postal & Telegraphic Buildings		200	180
Total Civil Buildings		200	180
Agricultural			
Tangier			
Codamunty Rivers — Repairs to the Codamunty Rivers bank Defensive Works including Annual Repairs to Sluices. Calinguladies Maintenance of plantations, Banks & Earth Embankments	brs	2000	
	aut	1500	
	bea	3500	
	mul		
		1500	
		4000	
		4000	

Carried Over

Vide Budget Statement forwarded with letter No. 570 dated 23rd September 1871.

		Estimate 1872/73 Amount	Total	Estimate 1871/72 Amount	Total
	b Brought forward		4000		
Leeuwen River	Repairs to the Leeuwen River banks	3500			
	Defensive Works including Naval plant	7000			
	Repairs to Sluices, Caliqualahs &c	500			
	Maintenance of plantations, Naval & bank materials	360			
	Repairs to Quicquats	640			
			7000		
Caanary River	Repairs to the Caanary River banks	4000			
	Defensive works including Naval plant	3000			
	Repairs to Sluices, Caliqualahs &c	2000			
	Maintenance of plantations, Naval & bank materials	3500			
	Repairs to Quicquats	500			
			13000		
Vet River	Repairs to the Vet River banks	3600			
	Defensive Works including Naval plant	4100			
	Clearance of bed	2000			
	Repairs to Sluices, Caliqualahs &c	800			
	Maintenance of plantations, Naval & bank materials	500	11000		
	Carried over		35000		

		Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
	Brought forward		35000		
Colleroon River	Repairs to the Colleroon River banks defensive Works including Jamul plant	4000			
		8000			
	Repairs to Sluices, Caliyulahs Maintenance of plantations, Jamul & bank materials	Dca 300			
		3700			
	Repairs to Quicutts	7000			
			23000		
Mannyar River	Repairs to the Mannyar River banks Defensive Works including Jamul plant	1500			
		500			
	Clearance of bed	450			
	Repairs to Sluices, Caliyulahs Dca Maintenance of plantations, Jamul & bank materials	500			
		50			
			3000		
Cauvery River	Repairs to the Cauvery River banks Defensive Works including Jamul plant	2000			
		1500			
	Repairs to Sluices, Caliyulahs Dca Maintenance of plantations, Jamul & bank materials	500			
		250			
			4250		
	Carried over		65250		

		Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
	Brought forward		65250		
Jeroonmahajen Rivers	Repairs to the Jeroonmahajen and its banks		1000		
	Defensive Works including Kanul Pl	ant	500		
	Repairs to Sluices, Caliguldahs	Dca	500		
	Maintenance of Plantations, Kanul banks and Katchers	&	200		
			2200		
Moodicondan Rivers	Repairs to the Moodicondan and its banks	Rivers	1000		
	Defensive Works including Kanul Plan	t	500		
	Repairs to Sluices, Caliguldahs	Dca	500		
	Maintenance of Plantations, Kanul banks and Katchers	&	200		
			2200		
Palaur Rivers	Repairs to the Palaur Rivers banks		1500		
	Defensive Works including Kanul Plant		250		
	Repairs to Sluices, Caliguldahs	Dca	300		
	Maintenance of Plantations, Kanul banks and Katchers	&	250		
			2300		
Cyaur & Koolliaur Rivers	Clearance of Seeds		5000		
	Repairs to Masonry Works		1500		
			6500		
	Carried over		78450		

			Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
	Brought forward			78450	"	"
Pandang aux Nimes	Repairs to the Pandang aux Nimes harbour	Abs	1500			
	Defensive Works including Kanul plant	&	500			
	Repairs to Sluices, Caliguluhs &c.	"	50			
	Maintenance of plantations, Kanul & Kauth materials		200	2250		
Puttaun Nimes	Repairs to the Puttaun Nimes harbour		1500			
	Defensive Works including Kanul plant-		1000			
	Repairs to Sluices, Caliguluhs &c.	"	500			
	Maintenance of plantations, Kanul & Kauth materials		150	3150		
Kalap aux Nimes	Repairs to the Kalap aux Nimes harbour	bs	1250			
	Defensive works including Kanul	plant	500			
	Repairs to Sluices, Caliguluhs &c.	"	250			
	Maintenance of plantations, Kanul & Kauth materials		200	2200	"	"
Minor Repairs to Tanks, Channels &c.	"			58950	"	"
Total Agricultural	(3)			145000	"	145000

Office Engineer & Surveyor
Tanjore 30th October 1871

Executive Engineer R.C.
Office Superintending Engineer 6th Circle

Enclosure in a letter
from the Supg Engineer
6th Division to the Se-
cretary to Government
D. P. W. No 668
dated 30th October 1871

P. Ör. 5232/71.

Imperial
Pangore District
Part III. Budget
Detailed Estimate for
Repairs for 1872-73

Provincial

6me Dw
Tangier District
Part III 6 Budget

Detail of Estimate for Repairs for 1872/73.

	Estimate 1872/73 Amount	Total	Estimate 1871/72 Amount	Total
Civil & Buildings				
Tangier				
Tangier Station — Minor Repairs to Revenues &c.a & Buildings	1500 "		"	1500
Combacomma Station — Do.	1500 "		"	1500
Tegaceram & Sheally Stations — Do.	1000 "		"	1000
Tegapistan & Tenoctorapoondy Stations — Do.	1100 "		"	1100
Tmemargudy & Puttoocottah Stations — Do.	1000 "		"	1000
Tmmicham Station — Do.	900 "		"	900
— Do. — to Police Stations	300 "		"	300
Total Civil & Buildings		7300 "		7300
Miscellaneous Public Improvements				
Tangier — Minor Repairs to Ports, Harbours &c.a	5000 "		"	5000
Total Miscellaneous Public Improvements		5000 "		5000

Supp. Engrs Office 6me Dw
Tangier 30th October 1871

Actg Supp. Engineer 6me Dw

Enclosure in a letter from the Supg Engineer 6th Div. to the Secretary to Govern- ment P. D. P. W. Dr No 66 dated 30th October 71

27 Sept 72 No 269

Dr. 5232/71

Enclosure to No 269

Provincial

Sappers District

Part III Budget

Detail & Estimate

for Repairs for

1872-73

No 125

Supg Engrs Office 7th Division
Wellington 28th September 71

35 349

From

Lieutt Colonel W. Farewell R.C.
Ag Supg Engineer 7th Division

To

The Secretary to Government
Public Works Departt
Madras

Sir,

I have the honor, to submit here- with the Imperial Budget Estimate for the 4 districts of this Division for the yr 1872/73, wherein will be found the information required in G.O. No 173 of 20th Inst. with regard to the grants required for Telegraph and Postal Buildings in that year.

I have the honor to be,

Sir,

Your most Obedt Servt

W. Farewell Lt Col RC
Ag Supg Engr 7th Div

No 149 — 353

Superintending Engrs Office 7th Divn
Camp Koteghirry 10th October 1871

From,

Lieutt Colonel W. Farewell S.C.
Ag Superintending Engineer
7th Division

To,

The Secretary to Government
Public Works Departt
Madras

Sir,

With reference to Government Memo No 61 dated 5th October 1871, I have the honor to report that the information about the amount required for Original works and Repairs of Telegraph and Postal Buildings during the ensuing Official year, is given in the Imperial Budget Estimates for that year submitted with my letter to Government No 125 of 28th September 1871.

I have the honor to be,
Sir,
Your most Obed. Servt

Farewell Lt Col S.C.
Ag Supg Engineer 7th Division

For 1871 Decr
Dept of Public Works
No 4661

From,

The Superintending Engineer
7th Dn

To,

The Secretary to Government
P.W.D. Madras

No 125

Dated 28th September 1871
Rec'd 2nd Octr

Encls as in 16 + One

Subject Imperial Budget Estimates for the Divisions of the 7th Dn for the year 1872-73, wherein the information called for in G.O. No 193 of 20th Sept is given —

Rs 269-270-29 Davies

Rs 5-35

Part II.

Detail of Estimate for Original Works for 1892-93.

Executive Division	No.	Locality	Description of Project	Estimated Cost of Project	Estimated Cost of Portion to be carried out during 1892-93.	Remarks or Reference
1	2	3				
			Military None.			
			Agricultural - Ordinary.			
Coimbatore Range			Areapooram Channel & Sluice and Head-Sluice	9,930	9,930	Estimate in hand.
Carur Range			Junicul and Head Sluices to Supply Seneperally, Veroomanellaor, Balambapooram, and Punchamundy Irrigation Channels on right & left banks of the Ambravelly river near Carur	30,000	30,000	Estimate under preparation.
Carur Range			Pullapolliem Channel Head Sluice	2,760	2,760	Submitted to Government with letter dtd 6th May 1891.
Irrigation Do			Strengthening the Bank, Vcs of the Calingarayen Channel	24,000	20,000	Estimate in hand.
Do			Constructing Bridges across the Calingarayen Channel	8,920	8,920	Estimate in hand.
			Total Agricultural Ordinary		71,610	

Part II.

Detail of Estimate for Original Works for 1872-73.

Project

Executive Division	c/o Locality	Description	Amount of Estimate	Completion Expenditure up to 31st March 1872	Estimate for 1872-73	Remarks or References
1	2	3	4	5	6	7
		Civil Buildings				
Cannanore Range	Cannanore	Grant-in-aid towards the erection of the left wing of the Roman Catholic Church at Cannanore	5,506	—	5,506	G.O. No 2536 of 5th October 1871.

Chief Engineer's Office
Camp Coonoor 19th October 1871

Accepted
Asst Chief Engr & Secy

Part III. Abstract for 1872-73

Detail of Estimate for 1872-73

1872/73 16/1/72

Original Estimate Total

Civil Buildings

Repairs & Alterations to Public Buildings

Contingencies Rent Allowances &c

Contingencies Establishments &c

Contingencies Repairs &c

Repairs & Alterations to Public Buildings

Total: Public Buildings & Repairs

Repairs & Alterations &c

		1,000	2000
		1,000	
		420	
		200	
		200	
		1,820	2000
		1,000	1,400

From

The Superintending Engineer

To

The Secretary to Govt

L. P. W. Calcutta

Letter No. } Oct 7/71

Rec'd } P. W. 4661/71.

77 9 2
550
53 436

Part II

Detail Copy Estimate for Original Work for 1872-73.

Abstract of grants proposed for all Repairs to be disbursed by Public Works Department.

Main Heads	Provincial Road	Total
Civil Buildings	4,520	4,520
Miss: Public Improvements	400	400
Total	5,220	5,220

Civil Engrs Office 7th Dn
Camp Wellington 28th Septr 1841.

Chief Civil Engr 7th Dn

From
The Supg Engineer
1st Div

To
The Secretary to
Govt of M.P.W.
Madras

Dated 28th Sept 71.
Recd 30th 9bre 71.

Part II

Detail of Estimate
for Original Works
for 1872/73.

From
The Supg Engineers
1st Div

To
The Secretary to
Govt of M.P.W.
Madras

Dated 28th 30th 9bre 71.
Recd Sept 71.

Part III Repairs
Detail of Estimate
for 1872/73.

From The Supg Engineer 1st Div

No 209-250-27 dated 7.12.71

Part II.

Detail of Estimates for Original Works for 1872/73.

Executive Division	Locality		Project	Amount of Estimate	Amount expended to 31st March 1872	Estimate for 1872/73	Remarks or Reference
1	2	3	4	5	6	7	8
			Civil Buildings				
Kellyburg Range	Colaramma	Civil Buildings	Police Station	3,780		3,780	Estimate sanctioned in G.O. No 1736 of 15th June 1864.
			Police Stations yet			2,000	
			Total Civil Buildings			5,780	
			Mis: Public Improvements				
Neilsburg Range	Colaramma	Reclamation of the Swamp		23,000	21,112	1,900	Estimate sanctioned in G.O. No 1500 of 12th May 1868.
— Do —	— Do —	Water Supply Project at Colaramma		18,102	17,546	650	Do in G.O. No 2,749 of 16th November 1870 and G.O. No 195 of 24th January 1871.
			Total Mis: Public Improvements			2,550	

Abstract of the grants for Barrack Regimental Hospitals to be disbursed by Public Works Department. 347

Name Heads	Provincial Grant	Total
Civil Buildings	5,780	5,780
Misc: Public Improvements	2,550	2,550
Total	8,330	8,330

Statement of the Sums required for Barrack Hospitals to Cost Rs. 500 Rupees each.

District	For Barrack Hospitals	For Civil Buildings	Total for Barrack Hospitals & Civil Buildings	For Misc: Public Improvements	Total for Barrack Hospitals Civil Buildings & Misc: Public Improvements
Kaligbergy	400	250	650		

Chief Engr's Office Kaligbergy
Camp Wellington 28th Septr 1871.

Chief Engr Kaligbergy

Part II.

Detail of Estimate for Original Works for 1872/73.

Executive Division	No.	Locality	Description	Estimated cost of Estimate. 5	Corrections as per Accounts up to 31st March 1872. 6	Estimate for 1872/73. 7	Remarks or References. 8
			Civil Buildings				
Carvar	1	Bhurapooram	Taluk Cutcherry	25,000	21,131	3,910	Estimate sanctioned in G.O. No 3339 of 22nd Oct 1868.
Coimbatore	2	Vedamulpetta	Ditto	25,500	17,181	8,320	Ditto Ditto G.O. No 730 of 5th March 1869.
Collegal	3	Talavady	Deputy Tahsildar's Cutcherry and Subsidiary Jail	8,240	5	8,700	Estimate sent to Government with letter No 208 of 4th March 1870.
Carvar	4	Kanghuem	Ditto	7,120	365	6,760	Ditto Ditto
Coimbatore	5	Annamalay	Ditto	6,700	1,700	5,000	Estimate for Rs 12,000 sanctioned in G.O. No 341 of 6th February 1866. Revised Estimate for Rs 6,700 submitted to Government with letter No 110 of 20th September 1871.
Carvar	6	Arvacoor City	Ditto	9,520		9,500	Estimate sent to Government with letter No 208 of 4th March 1870.
			Carried over			42,190	

1	2	3	4	5	6	7	8
			Brought over			42,190	
			Civil Buildings				
Collegal's Range		Jumara-tirra	Bungalow for the accommodation of Travellers, Public Works Subordinates & Police	3,000	2,250	Estimate sanctioned in G.O. No 660 of 1st March 1870 - × Excedence of Rs 750 sanctioned by the Revd Board on account of Travellers Room -	
Coimbatore Do		Coimbatore	Collectors Cutcherry	50,000	30,000	Government Architect ordered to prepare the necessary Plan vide G.O. No 20 of 5th April 1871 -	
			Police Stations		5,000		
			Total Civil Buildings		79,440		

Abstract of the grants proposed for all Original works to be disbursed by Public Works Department

Civil Heads	Provincial Annual Value	
Civil Buildings	79,440	79,440

Statement of the sums required for Minor New works to Cost Rs than Rupees 500 Each.

Civil Heads	For Minor new works under Civil Buildings	Total for Minor new works to be under Rs 500
Contributors	See Minor	500

Supdg Engr's Office 7th Oct 1871
Camp Wellington 28th Septr 1871

W Brownlie Lt Col R.E
Offg Supdg Engr 7th Dn

From
The Supg. Engineer
" 2nd

To
The Secretary to
Govt. L. & W.
Madras

Dated 28th Sept. 71.
Rect. MM 4661/71

Part II

Detail & Estimate
for Original Works
for 1872/73.

From
The Supg. Engineer
" 2nd "

To
The Secretary to
Govt. L. & W.
Madras

Dated 28th Sept. 71.
Rect. MM 4661/71

Part II

Detail & Estimate
for Original Works
for 1872/73.

Abstract of Grants for proposed Annual Original Works to be disbursed by Public Works Department

Main Heads

	Imperial	Local	Total
Military			

Statement of the Items required for various New Works Estimated to Cost less than 500 Rupees each.

	For Minor Works under Military	For Minor Works under Civil Buildings	Total for Minor Works Estimated to Cost less than Rs 500 each.
District 6			
South Canara	500	100	600

Supdg Engr's Office
Camp Wellington 28th Septr 1871

W Forsyth Lt. R.E.
Dy Supdg Engr

Detail of Estimate for 1872/73

		1872/73 Amount	1871/72 Total Amount
Civil Buildings			
Coimbatore Range	Minor repairs to Revenue & Civil buildings	700	1,500
Collegal Do	Ditto	600	750
Cannanore Do	Ditto	600	750
Coimbatore District	House rent to Medical Subordinates in Civil Employ	250	
Do	Minor repairs to Police Stations	400	400
		2,550	3,400

Abstract of grants proposed for all Reserves to be disbursed by the Public Works Department.

Main Head	Provincial	Local	Total
Civil Buildings	2,550		2,550

Supty Engrs Office &c
Camp Wellington 28th Septr 1871.

Wm Smith Lt Col R.E.
Dy Supty Engr &c &c

Part III. Repairs.

Detail of Estimate for 1872/73.

		1872/73	1871/72
		Amount	Total Amount Total.

Civil Buildings

Cannanore	Minor Repairs to			
Ranger	Revenue & Civil Buildings	1,400		1,500
Calicut Do	Ditto	1,500		1,500
Palghaut Do	Ditto	1,500		1,500
Malabar District	House rent to Medical Subordinates in Civil Employ	250		
Ditto	Minor Repairs to Police Stations	400	5050	400 4,900

Mis. Public Improvements

Malabar Dist.	Minor Repairs &c.	200	200	200 200

To
The Chief Engineer
&c &c &c
Fort St. George

Calicut
Cannanore
Palghaut
Ranger

Dated 15th Feb. 1872.

Detail of Estimates
for 1872/73.

Abstract of grants proposed for all repairs to be disbursed by the Public Works Department.

Main heads	Provincial	Local	Total.
Civil Buildings	5,050	.	5,050
Mis: Public Improvements	200	.	200
Total	5,250	.	5,250

Supdg Engrs Office &c &c

Camp Wellington 28th Septr 1871 - 8

W Hunter Lt Col R.E.
Ag Supdg Engr &c &c

Public Works

Details of Estimate for 1892/93.

			1892/93	1891/92 Annual Total Annual Total
Civil Buildings				
Mangalore	Minor repairs to Revenue			
Panja	Do Public buildings		1,000	1,000
Coondapoor	Do Do	Do	1,000	1,000
Pauthoor	Do Do	Do	500	1,000
South Canara	Rent to Medical Subordinates in Civil employ		250	
Do	Minor repairs Do Police Mattrass &c		600	600
			3,350	3,600
Civil Public Improvements				
South Canara	Minor Repairs &c		25	25

D.C.

Public Works Engineer

Estimate for Estimate for 1892/93.

Abstract of grants proposed for the Repairs to be disbursed by the Public Works Department.

	Main Roads	Provincial Roads	Total
Civil Buildings	3,750	"	3,750
Miscellaneous Public Improvements	25	"	25
Total	3,775	"	3,775

Supt Engr's Office &c

Camp Wellington 28th Sept. 1871

W. Hanbury Lt Col R.E.
Supt Engr &c

Part III.

Detail of Estimates for Repairs for 1892/93.

		1892/93.	1891/92
		Estimate	Actual amount Voted
Ordinary			
Cantonment Ranges	Minor repairs to buildings	1,000	5,000
	Cantonment Roads	1,000	1,000
Cantonment Ranges	Minor repairs to buildings	5,000	5,000
Malabar	Pavement to Military and Medical Subordinates	6,000	6,000
		20,000	20,000
Agricultural			
Malabar	Repairs to Irrigation Canals, Tanks, Bunds and Channels	1100	1100 1100
Civil Buildings			
Malabar	Repairs to Local and Subordinate Buildings	300	300 300

Public Works Department
Office of the Executive Engineer
Cannanore

To
The Superintending Engineer
Public Works Department
Circle-Calicut
Madras

Cannanore 29/11/91

Sir,

I have the honor to forward herewith Part III Repairs Detail of Estimate for 1892/93.

I have the honor to be
Sir
Your most obedient servant
Executive Engineer

Abstract of grants proposed for all Repairs &c
disbursed by the Public Works Department:

Main heads.	Imperial Votes	Votes
Military	£20,000	£20,000
Agricultural	1,100	1,100
Civil Buildings	500	500
Total	£21,600	£21,600

Supply Engrs Office
1st Division
Camp Wellington 28th Septr 1871

W Harding Lt Col R.E.
Offg Supg Engr 1st Div

Part III. Repairs

Detail of Estimate for 1872-73.

		1872/73. Amount	1871/72. Total Amount	Total.
Military				
Bangalore	Minor rep buildings	1,000	1,000	
	House rent to Military and Medical Subordinates	300	300	
		1,300		1,300
Civil Buildings				
South Canara - Repairs to Postal and Telegraph Buildings		100	100	100

Part III Repairs
Detail of Estimate
for 1872/73.

Abstract of grants for all repairs to be disbursed by the Public Works Department

Main Heads	Imperial	Local	Total.
Military	1,300	.	1,300
Civil Buildings	100	.	100
Total	1,400	.	1,400

Lieut Col. Commd Militia &c &c &c

Camp Wellington 28th Septr 1871.

W Jervois Lt Col. R.E.
Actg Asstg Engr for Dn

From
Chief Engineer
&
Secretary to Govt
Public Works Dep.t
Calcutta

Dated 28th Sept.r 1871.
Rec.d 5th Oct.r 1871.

Part III Repairs.

Detail of Estimate for Repairs for 1872/73.

Part III. Repairs

Detail of Estimate for Repairs for 1872/73.

		1872/73 Amount	1871/72 Amount	Total.
Military				
Neilgherries	Repairs to Lawrence Asylum buildings	2,000		2,000
	Minor Repairs to buildings	5,712		5,712
	House Rent to Military & Medical Subordinates	1,200		1,200
Wellington	Water Courses Nos 1 3 & 4 Gr. O. No 2408 of 24th December 1861	216		216
	Bazar Water Courses	72		72
		9,200		9,200
Civil Buildings				
Neilgherries	Repairs to Postal and Telegraph buildings	500	500	200 200

405

385

Abstract of grants proposed for all Repairs to be disbursed by the Public Works Department

Main heads	Imperial	Local	Total
Military	9,200	"	9200
Agricultural	"	"	"
Civil Buildings	500	"	500
Total	9,700	"	9,700

Supg Engrs Office y'e Du
Camp Wellington 28th September 1871.

W Simmonds St Colt R.C.
Ag Supg Engr y'e Du

From
The Supg Engineer
Jc & Dn

To
The Secretary to
Govt of Mad.
Public Works

Dated 28th Sept 71.
Rec'd 30th 4661/71

Part III Repairs
Detail Estimate
for 1872/73.

309
409

Part III. Repairs.

Detail of Estimate for 1872/73.

		1872/73. Amount	1872/73. Total	1871/72. Amount	1871/72. Total
Military					
Coimbatore District	Minor repairs to buildings	400	400	400	400
Agricultural					
Do	Repairs to Irrigation Canals, Tanks, Dykes, and Drainages	48,000	48,000	48,000	48,000
Civil Buildings					
Do	Repairs to Postal and Telegraph buildings	200	200	200	200

Abstract of grants proposed for all Repairs to be disbursed by the Public Works Department -

Main Heads -	Imperial	Local	Total.
Military	400	"	400
Agricultural	48,000	"	48,000
Civil Buildings	200	"	200
Total	48,600	"	48,600

Supg Engr Office 7e Dn
Camp Wellington 28th Septr 1871.

W Moorsom Lt Col R.E.
Dy Supg Engr 7e Dn

dion

Total

From
The Supg Engineer
y' Dn

To
The Secretary to
Govt D.P.W.
Madras

Dated 28th
Rec'd } Sept 5 /71.

Part III - Repairs
Detail of Estimate
for 1872/73.
— M 466/71

5/13

Abstract of the grants proposed for all Original Works to be disbursed by Public Works Department.

Main Heads	Provincial	Local	Total
Civil Buildings	14700		14700

Statement of the Items required for Minor New Works to Cost less than 500 Rupees Each.

District	For Minor New works under Civil Buildings	For Minor New Works under Public Improvements	Total for Minor New Works Estimated not to Cost less than Rs 500 Each
South Canara	400		

Supg Engr's Office y' Dn
Camp Wellington 28th Sept 1871.

Lt Col R.E.

Dy Supg Engr y' Dn

dion

Total

From
The Supg Engineer
y' Dn

To
The Secretary to
Govt D.P.W.
Madras

Dated 28th
Rec'd } Sept 5 /71.

Part III - Repairs
Detail of Estimate
for 1872/73.
— M 466/71

5/13

Abstract of the grants proposed for all Original Works to be disbursed by Public Works Department.

Main Heads	Provincial	Local	Total
Civil Buildings	14700		14700

Statement of the Items required for Minor New Works to Cost less than 500 Rupees Each.

District	For Minor New works under Civil Buildings	For Minor New Works under Public Improvements	Total for Minor New Works Estimated not to Cost less than Rs 500 Each
South Canara	400		

Supg Engr's Office y' Dn
Camp Wellington 28th Sept 1871.

Lt Col R.E.

Dy Supg Engr y' Dn

From

The Supg Engineer

Do

To

The Secretary to

Govt D.P.W.

Madras

Dated 28th Septr 91

Recd

Part II

Detail of Estimate

for Original Works

for 1892/93

Detail of Estimates for Original Works for 1872-73.

Executive Division	No.	Locality	Description	Estimated Cost	Completed & Incomplete Estimate up to 31st March 1872	Balance Value of Works 31st March 1872	Remarks or Reference
1	2	3	4	5	6	7	8
			Project				
			Military				
Cannanore Range	Cannanore		Improving the drainage of the Parade Ground	10,450	950	9,500	Estimate Sanctioned in G.O. No 357 of 16th September 1868 Item No 45 of Budget for 1869-70.
Do	Do		Plunge bath for the Artillery	3,470		3,470	Ditto in G.O. No 212 of 30th June 1869 Part of Item No 46 of Budget for 1869-70.
Do	Do		Subsidiary buildings for the Artillery	15,360		15,360	Do Do Do
Do	Do		Latrines and dry earth Store for 2 Native Infantry Regiments, and Earth Stores to the Latrines of the Hospital	14,200		14,200	* Two annas of Rs 5,000 for a Police Court for which funds have been provided in the Budget of 1871-72 & Rs 3,670 is available under the above - Estimate Sanctioned in G.O. No 352 of 10th February 1868 on Detailed Estimate and this Standard Plan - vide also G.O. No 40 of 8th May 1871.
Do Calicut	Do Calicut and Mallisporam		Punkahs to the Barracks at Cannanore Calicut & Mallisporam	17,000	862	15,500	Ditto in G.O. No 357 of 1st December 1868 - Item No 40 of 1st January 1869 -
			Carried over			61030-	

1	2	3	4	5	6	7	8
			15 Brought over			61,030 -	

Military

Cawnpore Range	Cawnpore	Quarters for a Conductor and a Staff Serjeant of the Commissarial Department	√ 10,230	-	10,230	Estimate Sanctioned in G.O. No. 2345 of 19th July 1869 - Standard Plan.
Do	Do	Slaughter House and Cattle yards	6,200	-	6,200	Do in G.O. No. 3163 of 12th October 1865 - Standard Plan.
Do	Do	Field Elephant Shed for 15 Elephants	3,310	-	3,310	Do in G.O. No. 3743 of 26th November 1866.
Do	Do	Bullock Sheds for the Commissarial Department	2,500	-	2,500	Do Do Do Do
Do	Do	Paving Wells in the Cantonment	2,790	-	2,790	Do in G.O. No. 1273 of 17th April 1869.
Do	Do	Garrison Hospital and Lock Hospital	83,760	-		Sanction deferred vide G.O. No. 1260 of 16th May 1870.

Total Military — 86,060

395
402
419

Abstract of grants proposed for all Original Works to be disbursed by Public Works Department

Main heads	Imperial	Local	Total
Military	8606		8606

Statement of the sums required for Minor New Works

District	For Minor New Works under Military	For Minor New Works under Agricultural	For Minor New Works under Civil Buildings	Total for Minor New Works under 500 Rupees
Malabar	2,000	500	500	3000

Suppy Engineer's Office
1st Division
Camp Wellington 28th September 1871.

W Warren Lt-Col. S.C
Offg Suppy Engrs 1st Div.

Part II.

Detail of Estimate for Original Work for 1872/73.

Executive Division	No	Locality	Project Description	Estimate Cost	Completion Cost if sanctioned up to 31st March 1872	Estimate for 1872/73	Remarks or References
1	2	3	4	5	6	7	
			Military				
Neilgherry Range.		Ootacamund	Lawrence Asylum Buildings	11,80,252	8,85,565	1,00,000	Sanctioned by the Government of India Register No 21 M of 1867-68 Madras G.O. No 1924 of 27th June 1867 & No 7 of 4th January 1871 Register No 62 & 66 B.M. of 1870-71 Madras G.O. No 7 of 4th January 1871 - Register No B.M. of 1870-71 Madras G.O. No 964 of 1st April 1871 - vide also G.O. No 1417 of 9th May 1867, No 133 of 24th November 1870, No 624 of 3rd March 1871 No 122 of 19th May 1870. Budget Item No 17 of 1871-72.
	Do		Wellington Military Prison	42,630	22,630		Estimate sanctioned in G.O. No 1614 of 21st May 1866 - Item No 43 of Budget for 1867-68.
	Do		Ootacamund Quarters for one Apothecary	8,500		8,500	Estimate sanctioned in G.O. No 67 of 8th January 1866 - Standard Plan - & vide G.O. No 119 of 8th March 1871 -
	Do		Kotagherry Do Do	8,500		8,500	
	Do		Wellington Waterloo bridge	14,660		14,660	Do in G.O. No 1596 of 19th May 1868.
			Carried over	1,54,290			

1	2	3	4	5	6	7	8
			Brought over			154290	
			Military				
Melgium	Wellington	Substituting Standard for the present					
Rangers		Shingle roofing on the Barracks		27375	5925	21850	Estimate sent to the Dy Assistant Quarter Master General Southern Division with letter No 142 of 4th Novr 1868 Item No 40 of Budget for 1869-70
"	"	"	2 Mush Rooms to the Hospitals	14540		14540	Plan and Estimate sent to the Dy Qr Mr Genl Quarter Master General Southern Division with letter No 142 of 4th Sept 1868
			Total Military			180680	

Abstract of grants proposed for all Original Works to be discharged by Public Works Department

	Main Heads	Imperial	Local	Total
Military		180,680		180,680

Statement of the sums required for Minor New Works Estimated to Cost less than Rupees 500 each

District	For Minor New Works under Military	For Minor New Works under Civil Buildings	Total for Minor New Works to Cost less than Rs 500 each
Realgherry	1,000	500	1,500

Supdg Engrs Office Jc Dr
Camp Wellington 28th September 1871.

Lt Colld C.
Offg Supdg Engr Jc Dr

II

Detail of Estimate for Original Works for 1872-73.
(Civil & Miscellaneous)

Executive Division	Locality	Project	Description	Reference to Standing Plan and Remarks	Estimate
1	2	3	4	5	6
			Civil Buildings		
Cannanore Range	Tellicherry	Sub Collector's Office		10,000 Minimate sanctioned in G.O. No 290 of 31st January 1871	10,000
Palghaut Range	Palghaut	Head Assistant Collector's Office		3,200 D° G.O. No 391 of 8th February 1865	3,210
Calicut Range	Calicut	9 Boarders Huts at the Calicut Jail including Conservancy for Ditto		D° G.O. No 3402 of 22d October, and No 3834 of 6th December 1869	3,682
Palghaut Range	Cochin	Sea Custom House		12,500 D° G.O. No 3776 of 29th November 1869	12,500
D°	D°	Walling in the Street fronts of Government yards at D°		2,550 D° G.O. No 124 of 21st December 1870	2,550
Cannanore Range	Kotjem	Sub Magistrate's Cutcherry		9,300 D° G.O. No 203A of 22d June 1869	9,240

1	2	3	4	5	6	7	8
			Brought over				41,230
			Civil Buildings				
Calicut	Range		Calicut Building Sheds and Converting the old Jail Hospital into a new Custom House	35,136	20,136	15,000	Estimate submitted to Government with Letter No 5147 of 15th June & 13th July 1871. and Sanctioned in G. O. No 2378 of 19th September 1871.
Cannanore	Range		Cannanore Constructing Central Jail	3,27,000	3,09,273	17,700	Sanctioned by the Government of India: Register No 34 of 1867 Madras G. O. No 1982 of 4th July, No 3862 of 12th December, No 3120 of 9th October 1867, & No 1519 of 10th May 1869. Budget Item No 60 of 1870/72.
			Police Stations Vacant			4,000	4,000
			Total Civil Buildings				77,930

Abstract of the grants proposed for all Original Works to be disbursed by Public Works Department.

District	Main Heads	Provincial Local	Total
	Civil Buildings		
Madura		500	250	750

Statement of the Sums required for Minor new Works to cost less than Rupees 500 each.

District	For Minor Works under Civil Buildings	For New Works under Miscellaneous Public Improvements	Total for Minor Works estimated to cost less than Rs 500 each.
Madura	500	250	750

Supg Engrs Office
7th Division
Camp Wellington 28th Septr 1871.

Lt Colonel
Offg Supg Engr 7th Div.

No 2530

Supg Engrs Office 2nd Div
Madura 11th October 1871.

From

Lieut Colonel R. Dolbey RE
Superintending Engineer 2nd Div

To

The Secretary to Government
Public Works Department

Sir,

I have the honor to submit for Madura. the sanction of Government the Budget Estimate for 1872-73 of the "Imperial" Works in this Division, together with abstracts of the said "Estimate" with a detailed Budget head: demanding under each head the Sum required for the Works and Repairs of Civil Buildings and Roads, and for Agricultural & Irrigation Works, which are in progress or will be commenced in 1872-73.

The work being commenced in 1872-73 & having access daily entered 2 Lakhs of Rupees as the probable amount required to

to be laid out in it.

The Periyaculam Anicut project is under progress for the last three years, and as a sum of Rupees 6,88,0[illegible] has been spent up to 31st March 1871, and as the sum of Rupees 85,000, out of Rupees 100,000, granted for the Current year's expenditure, is likely to be spent, in addition, I have entered the balance of the Estimate, Viz Rs. 193,000, for the next year.

Part III Imperial: The sums of Rs. 70,000 and Rupees 80,000 which I have entered as the probable requirements under Agricultural Repairs for the Madura and Tinnevelly Districts being within the limits authorized in para 10 of G.O. No. 3913 dated 15th December 1868, they need no explanation.

3. Part II Provincial. Civil Buildings. The 2d 3d and 4th items for the Madura District and the item No 2 for that of Tinnevelly are for Taloks and Deputy Tahsildars Cutcherries, that were commenced, but have been left incomplete for the last 2 years. The Taloks Cutcherries at Peraculum in the Madura Dist and at Ambasamundrum in the Tinnevelly District, have been resumed, but will not be finished during the current year. The Deputy Tahsildars' Cutcherries at Muduvelattur and Trichooly have been entered in their order of importance.

I have the honor to be
Sir,
Your Most Obedient Servant
Lieut Col RE
Richd Roberts
Superintending Engineer 8th Dn

"Imperial"

Madura District

Part II

Detail of Estimates for Original Works for 1872-73.

Project.

Executive Division	No.	Locality	Description	Amount of Estimate	Estimate as corrected up to 15th March 1872	Estimate 1872-73	Remarks & preferences.
			Military Stone				
			Civil Buildings				
			Minor Works the Estimated cost of which does not exceed Rs 2500 each.			820	
			Total Civil Buildings			820.	
			Agricultural				
Vaidigul Range	1	Peryaur	Peryaur Projects			300,000	Extraordinary Item No 44 of Budget for 1871-72.
			Minor works the estimated cost of which does not exceed Rs. 2,500 each			2140	
			Grand Total			302140	

4459

District	For minor new work under Military	For minor new works under Civil Buildings	For minor new works under Agricultural	Total for minor new works estimated to cost less than Rs. 1,500 each.
Madura			3000	3000

Supg. Engineer's Office
Madura 11th October 1881

Executive Engineer

Provincial

Tinnevelly District.

Part II

Detail of Estimate for Original works for 1872-73.

Project.

Executive Division	No.	Locality	Description	Amount of Estimate	Cost of Establishment &c. included in 31 per cent	Estimate 1872-73	
			Civil Buildings				
Irrigation Range	1	Palamcottah	New Jail	"	"	10000	Not sanctioned. Vide G.O No 318 dated 26th Aug 70. Calling for revised Estimate.
Do.	2.	Ambasamudram	Taluq Cutcherry and Subsidiary Jail	"	1600	5000	G.O No 1803. dated 7th July 1871 Estimate under revision.
No 3 Range	3	Sunkerenarcoil	Subsidiary Jail	7150	"	7150	G.O No 3178 dated 1st October 1869.
Irrigation Range	4	Rathapooram	Subsidiary Magistrate Cutcherry and Subsidiary Jail	6050	"	6050	Do. Do. Do.
Do.	5	Shreevigunteum	District Moonsiffs Court house	5000	"	5000	G.O No 2588 dated 31st October 1870.
			Total Civil Buildings	"	"	33200	
			Miscellaneous Public Improvements				
			None.				
			Grand Total	"	"	33200	

District	For Minor works under Civil Buildings	For Minor new works under Miscellaneous Public Improvements.	Total for Minor new works estimated to cost less than Rs 5000 each.
Tinnevelly	500		500.

Rich Roberts Lt Col RE
Supg Engineer 8 Dn

Supg Engrs Office 8 Dn
Madura 11th October 1871

Corrd Ps

Provincial

Madura District

Part II

435
467

Detail of Estimates for Original works for 1872-73.

Project

Executive Division	No.	Locality	Description	Amount of Estimate	Corrected & Revised Estimate of 1872.	Estimate 1872-73.	Remarks & reference
			Civil Buildings				
Madura Range	1	Madura	Preservation of Terminalay Kaith Palace	10000	10000	10000	Item No 13 of Budget 1871-72
Dindigul Range	2	Peracolam	Talook Cutcherry and Subsidiary Jail		8000	5000	G.O. No 1803 dated 7th July 71.
Madura Range	3	Mordoreolattam	Sub-Magistrate's Cutcherry and Subsidiary Jail	10100	4449	5950	G.O. No 260 dated 28th Jan 1869
Do	4	Trichooly	Do Do Do	10500	3578	6920	Do Do Do
Do	5	Tondy	Seacustom house and Police Office	3450	-	3450	G.O. No 2231 dated 13th July 1864
			Total Civil Buildings			31320	
			Miscellaneous Public Improvement				
Paumben Range	1	Paumben	Cutting inner angle of the Reef channel	43340	41670	1670	Item No 87 Budget 71/72
Do	2	Do	Deepening the Paumben Channel from 12 to 14 feet at low water	22810	6500	3000	Do No 88 Do
			Total Miscellaneous Public Improvements			4670	
			Grand Total			35990	

District.	For Minor new works under Civil Buildings.	For Minor new works under Miscellaneous Public Improvements.	Total for Minor new works estimated to cost less than Rs 500 each.
Madura	500		500

Rich[d] Norie Lt Col RE
Sup[g] Engineer & Do

Sup[g] Engrs Office & Do
Madura 11th October 1871

Comp[d] P S

426

Abstract of demands for each District Corresponding with the Draft Budget for 1872-73. "Provincial."

Madura District.	Original works.	Minor Newworks	Repairs	Total.
Civil Buildings	31320	500	3300	35120
Miscellaneous Public Improvement	4670	-	100	4770
Total	35990	500	3400	39890
Tinnevelly District.				
Civil Buildings	33200	500	4000	37700
Miscellaneous Public Improvement	-	-	100	10
Total	33200	500	4100	37800

Sup[g] Engrs Office & Do
Madura 11th October 1871

Rich[d] Norie Lt Col RE
Sup[g] Engineer & Do

Comp[d] P S

From,
The Supg Engineer &c &c
To the Secretary to Govt
Dept of Pub Works
Madras.

Dated 11th Octo 1871
Ref. to Petition dd 18th
Ult. from Provincial
Contractors

Estimate of Repairs
for each Division Cases
standing with the Supdg
Engineer for 1872-73.

"Provincial"

Tinnevelly District

Part III

LHGT 47

Detail of Estimates for Repairs for 1872-73.

	Estimate 1872-73. Amount	Estimate 1872-73. Total	Estimate 1871-72 Amount	Estimate 1871-72 Total
Civil Buildings				
Tinnevelly. Minor repairs to Revenue & Buildings	4000		4000	
Total Civil Buildings		4000		4000
Miscellaneous Public Improvement				
Tinnevelly. Minor repairs	100		100	
Total Miscellaneous Public Improvements		100		100
Grand Total		4100		4100

Supg Engrs Office &c &c
Madura 11th October 1871

Richd Norris Lieut. RE
Supg Engineer &c &c

Compd PS

From,
The Supg Engineer &c &c
To the Secretary to Govt
Dept of Pub Works
Madras.

Dated 11th Octo 1871
Ref. to Petition dd 18th
Ult. from Provincial
Contractors

Estimate of Repairs
for each Division Cases
standing with the Supdg
Engineer for 1872-73.

"Provincial"

Tinnevelly District

Part III

LHGT 47

Detail of Estimates for Repairs for 1872-73.

	Estimate 1872-73. Amount	Estimate 1872-73. Total	Estimate 1871-72 Amount	Estimate 1871-72 Total
Civil Buildings				
Tinnevelly. Minor repairs to Revenue & Buildings	4000		4000	
Total Civil Buildings		4000		4000
Miscellaneous Public Improvement				
Tinnevelly. Minor repairs	100		100	
Total Miscellaneous Public Improvements		100		100
Grand Total		4100		4100

Supg Engrs Office &c &c
Madura 11th October 1871

Richd Norris Lieut. RE
Supg Engineer &c &c

Compd PS

From The Supt Engineer & Ex Officio Secretary to Govt
To The Secretary to Govt
P.W.D.

Dated 11th
Recd 3rd Octr
P.W. 4596/71

Provincial

Comparative Statement
Part III for Repairs
1872-73

Provincial

Madura District
Part III
Detail of Estimates for Repairs for 1872-73.

465
470

	Estimate 1872-73. Amount	Estimate 1872-73. Total	Estimate 1871-72 Amount	Estimate 1871-72 Total
Civil Buildings				
Madura. Minor repairs to Revenue & Jail buildings	3300 "		3030 "	
Total Civil Buildings		3300 "		3030
Miscellaneous Public Improvement				
Madura. Minor repairs	100 "		100 "	
Total Miscellaneous Public Improvement.		100 "		100
Grand Total		3400 "		3130

Supg Engrs Office 8th Jan
Madura 11th October 1871

Richd Nokes Lieut. RE
Supg Engineer 8th Jan

Comps PS

From
The Supt Engineer & Ex Officio
To
The Secretary to Govt
Public Works Dept
Madras.

Dated Nilgiris 3rd October 1871
Rec'd 9th " "
No. 459 of 71.

Provincial.

Madura District

Part III for Repairs
1872-73.

Imperial

Timevelly District.

Part III

Detail of Estimates for Repairs for 1872-73.

	Estimate 1872-73 Amount	Estimate 1872-73 Total	Estimate 1871-72. Amount	Estimate 1871-72. Total
Military				
Quilon. Cantonment Roads	1200		1200	
Minor repairs to Buildings	1176		1176	
House rents to Military and Medical Subordinates.	324		1500	
Total Military		2700		2700
Civil Buildings				
Timevelly - Minor repairs				
Postal and Telegraph Buildings	200		200	
Total Civil Buildings		200		200
Agricultural				
Timevelly. Minor repairs to Irrigation Canals Tanks Dykes and Drainages.	80,000		80,000	
Total Agricultural		80,000		80,000
Grand Total.		82900		82900

Sup.g Engrs Office 8 Dn
Madura 11 October 1871
Comp.d Pd

Rich.d Roberts Lieut Col R.E.
Superintending Engineer 8th Dn

"Imperial"

Madura District.

Memo Shewing the particulars of Lump sum entered in Part II of the Budget under Minor works the estimated cost of which does not exceed Rupees 2500 each.

Description of work	Amount	Remarks.
Civil Buildings		
Improving Post Office at Ramnad	820 ..	G.O. Nos 3812 and 2032 dated 7th December 1868 and 23rd August 1870.
Agricultural		
Cutting new Channel from Periar Vygaby to supply Vaigadimmungalum Tank	1300 ..	Estimates will be submitted shortly.
Constructing Head Sluice at the head of — Do	840 ..	
	2140 ..	

Rica Norris Lieut Colonel &c.
Superintending Engineer &c.

Supg Engrs Office &c.
Madura 11th October 1871.

Compd Pl

From The Dep Secy to Govt Public Works Dept
To The Secretary to Govt
Dated 11th October 1871.
Received 13th Do
No 1
Subject P.W. Imperial 1871
Enumeration of Public Works Part III for Repairs 1872-73.

Imperial"

Tinnevelly District.

Memo shewing the particulars of Lump sum entered in Part II of the Budget under Minor works the estimated Cost of which does not exceed Rupees 2500 each.

Description of work	Amount	Remarks.
Military		
A new Rifle Range with markers Butts at Palamcottah.	2,500	Included in the list of works proposed for entry in the Budget for 1872-73 forwarded by the General Commanding Southern District.
Agricultural		
Construction anicut across the Kayakoody river and restoring the old Channel to supply Gopaul Samoodrum Periacolum tank	2250	Estimate will be submitted shortly.

Supdg Engrs Office 8th Dec
Madura 11th October 1871

Rice Robert Lieut Colonel R.E.
Superintending Engineer 8th Dn

Comp PS

Abstract of demands for each District Corresponding with the Draft Budgets for 1872-73 "Imperial"

Madura District.	Original Works	Minor New Works	Repairs	Total.
Military	0	0	0	0
Civil Buildings	820	0	200	1020
Agricultural	302140	3000	70000	375140
Total	302960	3000	70200	376160
Tinnevelly District				
Military	8370	500	2700	11570
Civil Buildings	0	0	200	200
Agricultural	203850	8000	80000	291850
Total	212220	8500	82900	303620

Supg Engrs Office 8th Madura 11th October 1871

Ricby Nobbs Lieut. R.E.
Superintending Engineer 8th Dn

Corresp. R.S

"Imperial"

Madura District

Part III

Detail of Estimates for Repairs for 1872/73.

	Estimate 1872/73 Amount	Estimate 1872/73 Total	Estimate 1871/72 Amount	Estimate 1871/72 Total
Military				
Civil Buildings				
Madura. Minor repairs to Postal and Telegraph Buildings	200		200	
		200		200
Agricultural				
Madura Minor repairs to Irrigation Canals, Tanks, Dykes and Drainages	7,000		4,000	
		7,000		4,000
Grand Total		7,200		4,200

Surveyor Engineer's Office 8 Dec
Madura 11th October 1871

Richd Robert Lieut Col R.E.
Superintending Engineer 6th Div.

Compd RR

From The Superintending Engineer
Southern Division
To The Secretary to Govt
Public Works Department
Madras.

Dated 11th October 1871
No. 489 of 1871
Superintending Engineer

Abstract of Amounts
for each Division
Comparison with the
Estimate for 1872-73

Division | Estimate 1872-73 | Estimate 1871-72

From

The Supt Engineer Surveys

To

The Secretary to Govt

P.W.D.

Madras

Dated 11th October 1871

Recd 13

P.W. 4896/71

Imperial

Madura District

Part III for Repairs

1872-73.

"Imperial"

Tanjore Collectorate

Cash II

Detail of Estimates for Original Works for 1872-73.

Project

Executive Division	No.	Locality	Description	Amount of Estimate	Amount Estimated expenditure up to 31st March 1872.	Estimate 1872-73.	Remarks and references.
			Military.				
Irrigation Range	1	Palamcottah	Latrine for the 22d Regiment Native Infantry	2600		2600	Called for by the General Commanding Southern Distt.
Do.	2	Quilon	do do 23d do	3670		3670	Estimates sent in but returned with reference to improvements suggested by the Sanitary Commissioners. The Plans are in accordance with the standard designs.
			Minor works, the estimated cost of which does not exceed Rs. 2500 each			2,00	
			Total Military			8370	
			Civil Buildings none				
			Agricultural				
Irrigation Range	1	Poothoogudi	Streevigunteum anicut Project	83,600	63,894	19,000	Extraordinary. Item No 45. Budget for 1871-72.
			Tamarayanr anicut	8650		8,650	Ordinary. Estimate will follow.
			Minor works the estimated cost of which does not exceed Rupees 2500 each			22,00	Ordinary.
			Total Agricultural			203850	
			Grand Total			2,2220	

District.	For Ennis'd new works under Military	For Ennis'd new works under Civil Building	For Ennis'd new works under Agricultural	Total for Ennis'd new works estimated to cost £5 & upwards Expires 30th each
Ennerelly	500	8000		8500

Supt. Engrs Office 8th Dec.
Mullingar 11th October 1871

Rich. Roberts Lieut. Col. R.E.
Superintending Engineer &c &c &c

8th Division
Part III

Return & Estimate for Repairs for 1872-73 of Police Stations, Constabulary Quarters &c. for which Rent is paid by the Treasury in 1871.

	Estimate 1872-73.	Estimate 1871-72.		
	Amount	Total.	Amount	Total.
Ballinalee	20		20	
Edgeworthstown	20		20	
"				
"				
"		40		40

Supt. Engrs Office
8th Dec.
Carrickallinga 21st
December 1871

Rich. Roberts Lieut. Col. R.E.
Superintending Engineer &c &c &c

Copy

8th Division.

Part II.

Detail of Estimate for Original Works for 1872-73 (Postal & Telegraph buildings) vide Sec No 173 dated 20th Sept 71.

Executive Division.	Project No.	Locality.	Description	Amount of Estimate	Amount of Estimate for which Sanction has been received	Estimate 1872-73.	Remarks and References.
Tinnevelly	1	Alleppy	Constructing a Post Office at Alleppy.	744	744	-	√ Sanctioned in G.O. No 1134 21-4-71
	2.	Trevandrum	Do a tiled roof for the outhouses attached to the British Post Office Trevandrum.	344	344	-	√ Do G.O. No 2265 5-9-71.
			Total	1088	1088	-	
Madura	1	Paumben	Cable House Paumben.	730	730	-	√ Do G.O. No 2194 28-8-71.
			Total	730	730		

Supt's Engrs Office
Courtallum 20th 8th Sept.
1871

Lieut Col. R.A.
Superintending Engineer &c.

No 538

dis 269-270-29 Jan/72.

Wynaad Division
Malabar District
Part III

4913

Detailed Estimate for Repairs for 1872-73

	Estimate of 1872-73		Estimate of 1871-72.	
	Amount	Total	Amount	Total.
Civil Buildings Removing Tiles and replacing them together with Continuous Iron Sheets over Roof of Post Office at Cythery.	779			
Total	"	779		

Dpt. Ex. Engrs Office
Wynaad Sultadie
25 September 1871

Lt. Col. Engrs
Major
Special Executive Engr. Wynaad

To,
The Secretary to Government
P. P. Works.
with reference to G. O. No. 173 dated 28th Sept. 1871.—

From
The Secretary to Government
P. W. Department
To
The Superintending Engineer
Southern Division
P. W. Department

Sir,
Dated Ootacamund
the 29th September 1871

I have the honor to forward
for Sanction the Detailed Estimate
for Buildings & Roads in Wynaad
for 1872-73 (Total Rupees
Two Thousand Seven Hundred
& Seventy nine only)

Rec'd 1871 Sept 28
Chief Engr Superintendence
Dept. No. 4558.

The Special Executive
Engineer Wynaad

To, The Secretary to
Government F.P.W.
Madras.

Dated 23rd September 1871.
Rec'd 27th " "

Encl: 1.

Detailed Estimate
for Repairs for 1872-73.

No 269-270-29 Dec/71

No 530

Wynaad Division
Malabar District
Part II

Detail of Estimate for Original work

Executive Division	No	Locality	Project. Description	Amount of Estimate.	Amount entitled to Expenditure up to 31st March 1872.	Estimate 1872-73.	Remarks or Reference.
			Civil Buildings				
Wynaad Division	1	Cytherg.	Post Office at Cytherg	5,330	5,200	130	G.O. No. 990 dated 8th April 1870
			Compensation for ditto	-	-	80	G. O No. 2,830 d/24. Nov 1870.-
			Total Rupees			210	

Off. Ex: Engrs Office
Wynaad. Sultan Bathery
25 September 1871

To The Secy: to Govt. P. P. Works
with reference to G. O No 773 d/28 Sept 1871.

Robt. G. Keene Major
Special Executive Engineer, Wynaad.

Civil Buildings — Wynaad

Malabar District
Wynaad Division
Abstract Estimate

Work — Removing Tiles and replacing them with Corrugated Iron plate over roof of Post Office and out houses at Pythiny

Quantity — Description of Work Date — Amount

25-57 Sqft. of Removing Tiles and replacing them, leaving 1/2 Inch Tiles, and Charnam Boulders — 14 .. .. 100 — Sqft. 357/8 8

25-57 Sqft. of Corrugated Iron sheeting with Nails — 15 .. .. do 383 8 9

Quantities — 3777

Total Rs. — 779 ..

Verified
25 September 1871.

N.N.S. Nairne Major
Spl. Ex. Engineer

From
The Special Executive
Engineer Wynaad
To, The Secretary to
Government S.P.W.
Madras.
Dated 25th September 1871.
Rec'd

S.P.W. 4583/71

Detail of Estimate for
Original Work

Special Executive Engineer

No. 487.- Office Wynaad Vythery
14th October 1871.

From,

The Special Executive Engineer
Wynaad.

To,

The Secretary to Government
Department Public Works
Madras

Sir,

I have the honor to forward my Budget proposals for Imperial and Provincial works for 1872. 73.

2. Under the head of Imperial I have included the balance of estimate to complete the Post Office at Vythery and also the balance beyond what was transferred subject to sanction of Government of India in G. O. No. 2525 dated 5th October 1871. for Repair of the same Building.

3. In order to explain the anomaly of a large estimate for repair being required before the Building is actually

Complete

completed, I beg to say that owing to there being no sort of accommodation for the Post Office at Vythery, the new Building was, as a special case, permitted to be occupied before completion. It has been so occupied since 1869 and I have each year made requisition for the small balance of Funds required to complete the flooring, but have been met by the impossibility of making allotments. It has been found that this Building, which was tiled, in common with all others with a similar description of Roof in Wynaad, leaks badly during the monsoon; and in the estimate for repairs I have proposed the same remedy that I have done for other buildings in the District.

6. The other Imperial work is the portion of the Building at Goodalore set apart for the Post Office the remainder of which forms the Sub Magistrate's Kutcherry, Police Station, and Subsidiary Jail.

5. Under head of Provincial are included 1st the supplementary estimates for

for the Deputy Collector's Kutcherry a
Manantoddy 2nd Balance of estima
for Hospital at Vythery, including
the promised additional grant of Rs
for Police accommodation. 3rd The
amount required for the Goodalore
Sub Magistrate's Kutcherry and Subsidi
Jail. 4th The Dead House for the
Goodalore Dispensary. Of those the
revised and supplementary estimates fo
1st and 3rd have been sent in, but hav
not yet received sanction, but as t
increase in estimate is due neither
to rise of rates, nor increase of quanti
but in one case is merely in obedien
to orders directing the disuse of certa
modes of Building, and in the other
the necessity of using a more water
tight mode of Roofing, the amounts
have been entered in anticipation of sanct

G. O. No. 2234 dy
2 September 1871.

I have the honor to be
Sir,
Your most Obedient Servo
Lt. W. Kennedy Major
Special Asst. Engineer Wynaa

Wynaad Division
Malabar District
Part III

Detail Estimate for Repairs for 1872. 73.

	Estimate of 1872. 73. Amount	Total	Estimate of 1871. 72. Amount	Total
Civil Buildings				
Minor Repairs to Revenue & Civil Buildings				
North Wynaad Range	250.			250.
South East Wynaad Range	250.			250.
Vythery Range	200.			200.
Total	700.			700.

Special Exc: Engr's Office
Wynaad, Vythery
11th October 1871.

D. H. Kennedy Major
Special Exc: Engineer
Wynaad.

No. 5340 dated 27th October 1871.

Rec'd 29th October 1871.

No. 854 -
Encl. 16.

Executive Engineer
Special Exc: Engineer
Wynaad

for Superintending Engineer
Nilgiri Division

To
The Secretary to Government
Public Works Department
Madras.

405

Appendix Guddapah
Madras District

Statement showing the Maintenance Grants for roads which are included in the Allotment in Part III of the Budget under Head of Communication & Minor Repairs.

Serial No.	Description of work	Estd. Amount	Remarks
		Total of Amount and grants District	
	Nil		

M. Wyndham Major
Special Engr: Appendix

M. E. Spl. Engr's Office
Appendix Guddapah
11th October 1871

From
The Special Engr. Engineer
Wynaad
To
The Secretary to Government
M. P. W.
Madras.

Dated 14th October 1871.
Rec'd

P. W. 4958/71

Part III
Detail Estimate for
Repairs for 1872-73.

Provincial

Wynaad Division
Malabar District
Part I

Abstract of the Estimated charges of Public Works for the year from 1st April 1872 to 31st March 1873.

Classification	Estimate 1872-73	Estimate 1871-72	Total 1872-73	Total 1871-72
Original Works				
Civil Buildings	23,925-	18,800.	23,925-	18,800
Communications	"	"	"	"
Repairs				
Civil Buildings	700.	700.	700.	700.
Communications	"	"	"	"
Establishments	"	"	"	"
Supply and repairs of Tools and Plant	1,000.	"	1,000	"
Total			25,625-	19,500

Special Exc: Engr's
Office, Wynaad, Vythery
11th October 1871.

To, The Secretary to Government
Department Public Works
Madras.

A. W. Meeres Major
Special Exc: Engineer
Wynaad

Collectorate Manning
Wynaad
Malabar District

Abstract of the Estimated charges of Public Works for the year from 1st April 1872 to 31st March 1873.

Classification	Estimate 1872-73	Estimate 1871-72	Total 1872-73	Total 1871-72
Original Works				
Civil Buildings	1,000.	1,000.	1,000.	1,000.
Communications	"	"	"	"
Repairs				
Civil Buildings	100.	100.	100.	100.
Communications	"	"	"	"
Establishments	"	"	"	"
Supply and repairs of Tools and Plant	"	"	"	"
Total			1,100.	1,100.

Special Exc: Engr's
Office, Wynaad, Vythery
11th October 1871.

To, The Secretary to Government
Department Public Works
Madras.

A. W. Meeres Major
Special Exc: Engineer
Wynaad

Wynaad Division
Malabar District

Statement showing the Estimated Grants for Roads which are included in the Statement in Part III of the Schedule under Rule 4 of Communications Roads &c.

Estimate

Abstract of Estimate

Rupees

Asst Engr. Engrs Office
Wynaad, Sultan Bathery
14th October 1871

Wm. H. Kennedy Major
Special Executive Engr. Wynaad

The Special Executive Engineer
Wynaad

The Secretary to Govt
P.W.D.
Madras.

Dated 14th October 1871.
Recd
P. Dr. 4958/71

Part I

Abstract of the Estimated charges of Public Works for the year from 1st April 1872 to 31st March 1873.

Imperial

Wynaad Division
Malabar District
Part III

511

Detailed Estimate for Repairs for 1872. 73.—

	Estimate of 1872. 73.		Estimate of 1871. 72.	
	Amount	Total Amount	Amount	Total
Canal Buildings				
Removing Tiles and replacing them together with Continuous Iron sheets over Roof and out Offices of Post Office at Vythery		779		
Total Rupees		779	"	"

Spl. Ex: Engrs. Office
Wynaad, Tuckadie
14th October 1871.

Robt. W. Kennedy Major
Special Executive Engr. Wynaad

From
The Asst. Ex. Engineer
Wynaad
To
The Secretary to Govt.
Mily. Dept.
Madras.

Sir,

Herewith I have the honor to forward the annual estimate for roads which are included in the allotment for 1871-72 and the Detailed Estimate of the Repairs to Canal Buildings.

I have the honor to be
Sir
Your most obedient Servant

Vythery 11th October 1871.
P.C. No. 4958/71

20/10

Wynaad Division
Malabar District
Part I

Abstract of the Estimated charges of Public Works for the year from 1st April 1872 to 31st March 1873

Classification	Estimate 1872.73	Estimate 1871.72	Total 1872.73	Total 1871.72
Original works				
Civil Buildings	405	"	405	"
Communications	"	"	"	"
Repairs				
Civil Buildings	"	"	"	"
Communications	"	"	"	"
Establishment	37.666	37.666	37.666	37.666
Supply and Repairs of Tools and Plant	180	180	180	180
Total			38,251	37.846

Spl. Ex: Engrs. Office
Wynaad, Sultanpatie
14th October 1871

Rtt. D. Keene Major
Special Executive Engineer, Wynaad.

From
The Spl. Exve. Engineer
Wynaad.
To
The Secretary to
Government
Public Works
Madras

Dated 14th
Rec'd
P. W. 4958/71

Part III

Detailed Estimate
for Repairs for 1872-73.

From

The Special Lt.d Engineer

Wyllaad

To

The Secretary to Government

W.P.W

Madras.

Dated 11th October 1871.

Rec.d

P. W. 4958/71

Part I

Abstract of the Estimated charges of Public Works for the year from 1st April 1872. to 31st March 1873.

Provincial

Wynaad Division
Malabar District
Part II

Detail of Estimate for Original Works

Project	Executive Division or Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1872	Estimated 1872-73	Remarks or Reference
		Civil Buildings				
1.	Goodalore	Sub Magistrate's Cutcherry with Treasury and Jail at Goodalore	20230. 191-	20230.	1,913-	Item No 63 of 1871-72. Est submitted with letter No 456 of 14 Oct 1871
2.		Dead House to Civil Dispensary at Goodalore	1,300	"	1,300	G.O. No 3314 dated 11th October 1869
3	Manantoddy	Office for Deputy Collector at Manantoddy	13580.	13,580	3,860-	G.O. No 267 dated 28 January 1870 Jail G.O. No 1271 dated 29 July 1870 Item No 2 of 1871-72 — Est submitted with letter No 456 of 14 Oct 1871
4.	"	House for Deputy Collector at Manantoddy	15,000	-	15,000	G.O. No 1506 dated 8th May 1869. 97 Rupees to be given
5	Vythery	Shed for Overseer in Vythery Range	300.	-	300	G.O. No 995 dated 9 April 1870
6.		Constructing Hospital and Dispensary at Vythery	8,750.	7,100.	1150.	G.O. No 3145 dated 11 Octr 1869 G.O. No 743 dated 5 March 1869 Item No 12 of 1871-72. Relating to Rs 350 on account of Police Establishment — G.O. No 2239 dated 2 September 1871 —
		Total Civil Buildings			23,923	

Special Exc: Engr's Office
Wynaad, Vythery
14th October 1871.

Major
Special Executive Engineer
Wynaad.

From
The Special Lt. Engineer
Wynaad

To
The Secretary to Government
P.W.D.
Madras.

Dated 11th October 1871
Read

P.W. 4958/71

Part II

Detail of Estimate
for Original Works.

Preferred

Wynaad Division
Malabar District
Part II

Detail of Estimate for Original Works

Project

Executive Division & Locality	Description	Amount Expenditure up to 31st March 1872 Estimate	Completed	Estimated 1872 73	Remarks or Reference
	Civil Buildings				
Sythery	Post Office at Sythery	5,330	5,200	210	G O No 990 dated 8th April 1870 and G O No 2830 dated 24 November 1870
Goodalore	Post Office at Goodalore	195	"	195	Estimate submitted with letter No 486 dtd 4 October 1871
	Total			405	

Special Ex: Engrs Office
Wynaad, Luckadie
15th October 1871

Lt. W. Kennedy. Major
Special Executive Engineer, Wynaad

From
The Special Exe. Engineer
Wynaad.

To
The Secretary to Govt.
Pub. Wks Dept.
Madras.

Endorsed
Cuddalore 15/11.
Rec'd
Q.M. 4955/71

12 Part II.

Cfs detail of Estimate &c.
for Provincial works.

5373

Special Executive Engineers
Office, Wynaad, Vythery
11th November 1871.

No 520.

From,

The Special Executive Engineer
Wynaad

To,

The Secretary to Government
Department Public Works
Madras

Sir,

I have the honor to submit a revised Part II of Budget Scheme for Provincial works to be executed in 1872. 73.-

2. It is caused by the improbability of expending the whole allotment of the Current year owing to a suspension of the work on the Deputy Collector's Cutcherry at Manantoddy at the request of the Collector of Malabar, who, I understand, contemplates a proposal to Government to change the Deputy Collector's Head Quarters from Manantoddy to some more central position. And as the decision is not likely to be given for some two or three months, it will not be possible to expend the whole of this year's allotment; I have therefore added the probable balance to the sum asked for for 1872. 73.-

I have the honor to be
Sir,
Your most obedient Servant

D.H.S. Reeve Major
Special Exe. Engr Wynaad

P. W. 1871 Depart.

Letter, No 5307.

From Lt. Col. Eng. Georgetown
Road Cost &c. Summary

Thos Lodwick Esq
Govt Secretary
Sandwich

Dated 4th Nov: 1871
Received 7th Nov 1871.

No 520.
Encl.

Transmitting Detailed
Part II of Budget Estimate
for Provincial works
for 1872-73.—

No 5111

No 269-270-29 Dec/72

Provincial Revised

Wynaad Division
Malabar District
Part II
Detail of Estimate for Original Works

Project —

Executive Division	Locality	Description	Estimate	Amount expended up to 31st March 1872.	Estimated 1872-73.	Remarks or Reference
		Civil Buildings				
1.	Gordalore	Sub Magistrates Cutcherry with Treasury and Jail at Gordalore	20230.	20230	1915.	Item No 63 of 1871 72
2.		Dead house to Civil Dispensary at Gordalore	1300	.	1300	G.O. No 3314 dd 11th October 1869
3.	Manantoody	Office for Deputy Collector at Manantoody	17,110	10,520	6860.	G.O. No 267 dd 28th January 1869 G.O. No 1320 dd 29th July 1870. Item No 20 of 1871-72.
4.		House for Deputy Collector at Manantoody	15,000	"	15,000	G.O. No 1504 dd 2nd May 1869
5.	Vythery	Shed for Overseer in Vythery Range	500	"	500.	G.O. No 995 dd 9th April 1870.
6.		Constructing Hospital and Dispensary at Vythery	8750.	7,400.	1,150.	G.O. No 3010 dd 11th October 1867 G.O. No 743 dd 5th March 1868. Item No 12 of 1871. 72. Deduct Rs 350 on account of Plinth Contribution — G.O. No 2235 dd 2nd September 1871.
						Total Civil Buildings 26,925

Offg Exe Engrs office
Wynaad Vythery 4th Nov
1871.

Alex Kennedy Major
Special Exe Engr Wynaad

All communications should be addressed to the Secretary.

No. 579 A. 4.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

To

The Secretary to the Government of Madras
General
Public Works Department

Simla 7th September 1871

Sir,

In order to enable the Government of India to determine and apportion the grant for Imperial Civil Buildings for 1872/73, I am directed to request that a Schedule may be submitted shewing the probable demand for repairs to buildings of Telegraph and Postal Departments during the ensuing official year, as also the grants required for original works in progress for these departments which will not be finished by the end of 1871/72. The demands for new works that may not be put in hand by 1st April 1872 need not be entered in this Schedule as the necessary information on this point will be obtained from the heads of the Departments concerned.

2. The Schedule may most conveniently be

be prepared in the form of the Budget Estimate, and every endeavour should be made to submit it so that it may reach the Government of India by the 5th October at the latest.

I have the honor to be,
Sir,
Your most obed.t Servt,

T. Wickens Coll. R.A.
Secy to the Govt of India.

No.

P. W. 1871 Dept.
No 4402.

Issue.
The Government of India.

Noted 7th Sept Regulation 11 Rec'd 16th Sept Regulation 11
Para 579 G.C.

Forwarding certain information bearing on the Government of India's determination and application for a grant for Original Civil Buildings for 1872/73.

Para 69-270-2nd Cam Offices

From

J. H. Garstin Esqre
Collector &c. &c.

To, The Secretary
to Government
P. W. Dept
Madras

Sir,

I have the honor to forward with my counter-signature the Imperial and Provincial Budget Estimates for this District for the official year 1872/73 prepared by the Acting Superintending Engineer 5th Division Copy of whose letter accompanying it is also enclosed

I have the honorable
Your most obedt. Servant
J. H. Garstin
Collector

South Arcot
Collector Cutcherry
Cuddalore
29th September 1871

No 4664

From

The Collector of
South Arcot

To

The Secretary to
Government
P. W. Deptt
Madras

Dated 29th Septr 1871

Received 3
10th 67

Encl: 2

Forwards with
his Countersignature
Imperial & Provincial
Budget Estimates of
this District for
1872/73.

No 269-270-29 Copy/71

No 543

Government Servant of Gundo.

Under "Agricultural" two new Projects have been entered in serial order in the "Under" and under etc. indicated by the Large Offices and will be submitted hereafter for your approval.

4. Under "Reserve Agricultural" the sum of Rs 124,000 or Rupees 12,500 in excess of the current year's grant, has been applied for in order that some of the large irrigation works may be repaired thoroughly.

5. The Budget being due in the Government Office on the 30th instant, I shall be glad to receive your instructions with regard to the same.

I have the honor to be
Sir
Your most obedient Servant
(Signed) J Vertue Capt R.E.
Offg Supt Engineer

(True Copy)
H. Gaulter
Collector

Enclosure 1

Two letters
from the Chiefs Clerks
of South Arcot
dated 29 September
1871 & 67 -

MM 4664/71

5th Division

Trichy

Cart

D. P. W.

Arcot.

II

Detail of Estimate for Original Works for 1872-73.

Project

Estimate Division	No.	Locality	Description	Amount of Estimate	Computed expenditure up to 31st March 1872.	Estimate for 1872-73.	Remarks or References.
			Extraordinary Original Works Agricultural				
6	1	Calandoai Anicut across the Vellaur River		198233	76000	60,000	Sanctioned in G.O. No. 691 dated 3rd March 1870. Item No. 38 of Budget 1871-72.
						60,000	Total Extraordinary
			Ordinary Agricultural				
	1	Komaramunga-lum	Anicut across the Poonjar River	91270	"	30,000	Submitted to Government with letter No. 131 dated 12th September 1871.
	2	Villapuram	Improvements to Koliamoor Channel in the Villapuram Lock	65,000	"	20,000	Estimate under preparation, will be submitted shortly.
			Minor New Works below Rs. 500			10,000	
						60,000	Total Ordinary
						120,000	and Ordinary
			Total Extraordinary				

Execution Division.

South Arcot

No.	Locality	Description	Estimate	Amount expenditure upto 31st March 1872	Estimate for 1872-73.	Remarks or References.
		Provincial				
		Civil Buildings				
1	Cuddalore	Constructing Subsidiary Jail with out-houses	6295 Less 145 6150	5,442	998	Sanctioned in G.O. No 958 d/22nd March 1869. Supplemental Estimate submitted vide letter No 1427 d/5th September 1871
2	Vanoor	Constructing a Sub Magistrate's Cutcherry and Subsidiary Jail	9,025	4,413	4,612	Sanctioned in G.O. No 675 d/2nd March 1869.
3	Villapuram	Improving the Taheildar Cutcherry	7,258	1,432	5,826	do do do
4	Chengamm	Constructing Subsidiary Jail with out-houses	2560	240	2320	do in G.O. No 1763 d/29th May 1869.
5	Singee	do do do	2,569	346	2,214	do do do
6	Merkanum	do do do	1,970	415	1,555	do do do
7	Lindevanum	Improving the Subsidiary Jail	1,240	361	879	do do do
8	Trinomalay	do do do	1160	160	1,000	do do do 1869
9	Trikalore	Constructing Subsidiary Jail with out-houses	3340	1,488	1,852	do in G.O. No 1318 d/21st April 1869 December 1869
10	Ellavanasore	do do do	3,830	887	2,943	do in G.O. No 1318 d/21st April 1869.
11	Kallacurchi	do do do	3360	686	2,674	do in G.O. No 667 d/21st January 70 do in G.O. No 4006 d/24th December 1869
12	Chellumbrum	Alterations and additions to the Talook Cutcherry	5230	4,660	570	
13	Virdachellum	do to the Subsidiary Jail	2,910	2,438	472	do in G.O. No 1354 d/26th April 1869.
14	Manargudi	do to the Subsidiary Jail	2,530	2,206	324	
15	Chittagudi	do to the Subsidiary Jail	2,440	1,282	1158	
					Carried over 29,397	

Projects

No.	Locality	Description	Computed Amount of Estimate	Expenditure up to 31st March 1872.	Estimate for 1872-73.	Remarks or References.
		Provincial Civil Buildings (Continued)				
16	Bowenpherry	Alterations to the Sub Magistrate's Cutcherry	2,390	2,316	74	Sanctioned in G.O. No. 1,354 of 26th April 1869.
17	Porto Novo	Alterations and Additions to the Sub Magistrate's Cutcherry	3,030	2,322	708	Sanctioned in G.O. No. 2,215 of 8th July 1869.
		Minor New Works (below 500 Rupees)			600	
		Total Civil Buildings Provincial			30,779	

Abstract of Grants proposed for all Original Works to be disbursed by Public Works Department.

Main Heads	Imperial	Provincial	Total
Military	-	-	-
Civil Buildings	-	30,779	30,779
Agricultural	120,000	-	120,000
Miscellaneous Public Improvements	-	-	-
Total	120,000	30,779	150,779

Statement showing the sums required for Minor New Works to cost less than 500 Rupees each.

South Arcot District	Imperial	Provincial
Minor New Works under Military.	-	-
Minor New Works under Civil Buildings	600	-
Minor New Works under Agricultural	10,000	-
Minor New Works under Miscellaneous Public Improvements.	-	-
Total for Minor New Works, estimated to cost less than 500 Rupees each.	10,600	-

Part III.

Detail of Estimate for Repairs for 1872-73.

Items	Estimate for 1872-73. Amount Total	Estimate for 1871-72. Amount Total
Agricultural Board		
Repairing the Coorapet Channel and throwing up Embankments on the Sea side of Keelapernmbay &c.	5,000	
Repairing and improving the Kemanore head Channel from the Ancient Primalore on Trunk Road No 8	5,830	
Repairing the Iyoorapanum Tank	2,000	
do the Thanoor Channel	1,200	
do the Kulpoor Tank	1,500	
Minor Repairs to Tanks & Channels &c	101470	12,0000 - 107500
Total Agricultural	12,000	- 107500
Civil Buildings. Provincial		
Cuddalore - Repairs and improvements to the Collector's Cutcherry, Prop Office & Revenue Subordinate buildings.	1,000	
Villapuram - Repairs to do do	1,100	
Tindevanum & Tirunomalay - Repairs to do do	200	
Tirukalore Kullacurchi - Repairs to do do	200	3300
Chellumchetum Viridachellum - Repairs to do do	400	2,900 - 3010
Total Civil Buildings	2,900	3,010

Note — Under Repairs "Agricultural," the Estimates already received exceed the Current Year's Grant of Rupees 1,07,500, and Several large works are in need of repairs, the increase of Rupees 12,500 now applied for for next Official Year, is therefore much wanted.

Superintg: Engr's office, 5th Divn
Cuddalore, 27th September 1871.

James Caldwell Captain R.E.
Offg: Superintg: Engineer, 5th Divn.
C.H. Lavie
Collector of South Arcot

No. 250 A. I

All communications should be addressed to the Secretary.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

Irrigation

To

The Secretary to the Govt of Madras
Public Works Department
Irrigation Branch
Simla 31st October 1871.

Sir,

I am directed to acknowledge receipt of your letter No 2499 dated 2nd October 1871, forwarding a rough estimate of the requirements of the Irrigation Department for 1872/73, and in reply to state as follows-

2. Under Extraordinary the demand is Rs 12,90,000

Viz:

Works Rs	8,40,000
Establishment Rs	3,00,000
Plant Rs	1,50,000
	12,90,000

The demand under Plant, Rs 1,50,000, appears however excessive as compared with the grant of

2nd Division S.P.P.

Local Press.

From

The Offg. Secretary to Govt. of India,
P.W. Department.

To

The Secretary to Government of Madras,
P.W. Department.

Dated 27th October 1871.

No. 3 of Statement.

Approximate Estimate of Imperial and Provincial Requirements for Public Works Extraordinary for the year 1872-73.

of Rs 20,000 on 1871/72, and the Governor General in Council is therefore pleased to reduce the demand to Rs 60,000. This brings down the amount required for next year to Rs 12 lakhs, and this sum has accordingly been allowed in the orders fixing and distributing the grants for 1872/73.

3. Under Ordinary the requirements are as follows.

Works Rs 5,50,000 against a grant of Rs 3,50,000 for 1871/72.
Repairs Rs 14,00,000 — of Rs 12,00,000 — " —
Establishment and Plant } 6,50,000 — " a proportionate allotment of Rs 6,15,000 — " —
26,00,000 21,65,000

including State outlay on guaranteed Works.

4. The probable state of the finances during the ensuing official year does not admit of the sum applied for being granted, and the Governor General in Council has therefore with reluctance been compelled to reduce the demand to Rs 20 lakhs. It is left to the Government of Madras to distribute the sum granted, amongst the heads Works, Repairs, Establishment and Plant including State outlay on guaranteed Irrigation Works, as the circumstances of the case may require.

5. I am to add that under orders that are likely to be issued shortly the Budget Estimates of the Irrigation Branch of the Department including Establishment and Tools and Plant Ordinary as well as Extraordinary, will have to be submitted separately instead of being included as heretofore in the Public Works Budget Estimate. Arrangements for compiling the estimate accordingly, and working up to the grants now assigned, should therefore be made so as to ensure the receipt of the Irrigation Estimate by the date prescribed, Viz: 1st January.

I have the honorable
Sir
Your most obed.t servt.

Coll R.A.
Secy to the Govt of India

Wh.

From

The Government of India

P. W. D.

Dated 28th October
Received 5th November } 1872

No. 250 A.L.

Public

Passing orders on the rough Estimate of the requirements of the Irrigation Dept. in the Madras Presidency for 1872-73.

No 547 4

Irrigation

Statement showing outlay according to classification under Original Works and Repairs Military from 1868-69 to 1877-78.

Vouchers / Years	Accommodation for British Troops: European Infy.	European Cavly.	European Artly.	Total	Accommodation for Native Troops: Native Infy.	Native Cavly.	Total	Accommodation for General purposes	Quarters for Officers	Buildings for Staff purposes	Commissariat Buildings	Ordnance Buildings	Hospitals	Fortifications	Rent of Buildings for accommodation of Troops	Compensation for rent of Quarters	Miscellaneous	Cantonment and other Roads	Total
Original Works																			
1868-69																			1101 498
1869-70																			5-63126
1870-71																			3.32 353
1871-72																			210 617
1872-73																			284 121
1873-74	29,437	1179	38467	69083	30 542	1290	31832	41586	"	4432	35-473	22581	"	"	"	"	60843	3631	269 461
1874-75	79,120	5486	41281	126367	1749	15-614	22343	29302	11384	483	56 646	63426	"	"	"	"	18583	"	328 534
1875-76	132 375	11342	33417	177134	23,306	409	23 715	121 128	8913	4654	14 772	15-631	"	170	"	"	20969	89	387 165
1876-77	48029	10238	24594	82811	21507	131	21638	123 631	1478	1695	9317	21214	220	"	"	"	22637	884	2905 75
1877-78.	65 273	2439.	14883	85395	27,734	39	27,773	78,888	6715	2611	10 649	5-823	125	69	"	"	22109	12741	3 058 98
Total Original Wks.	357 734	30 614	152 642	541040	114 838.	17483	132 321	394 635	28480	13875	126 857	181475	345	239	"	"	145 121	17345	4073 898.
Repairs																			
1868-69																			188262
1869-70																			183 110
1870-71																			223 005
71-72																			223 483
72-73																			243 449
73-74	58 108	4581	18608	81297	14433	1788	16221	58483			7698	17386		7874	936	40701	7100	22 007	259 703
74-75	14969	3156	15619	33744	12740	1694	14434	70841		894	8264	15279		5570	1258	37158	5709	39 127	232 218
75-76	39086	6851	23488	69385	11659	5952	17611	32204	4550	6007	17351	16588	549	7556		32924	16339	39524	240 593
76-77	26795	5275	18443	50513	7902	1685	9587	21068	10272	2274	23405	15383	955	7861	982	34482	25747	30 047	232 258
77-78	34293	11672	23177	69142	19253	2808	22061	11493	10265	13607	14424	19440	1218	4394		34132	15077	25759	240 402
Total Repairs	173 231	31535	99315	304081	65987	13927	79914	194089	25087	22782	71142	84056	2712	33195	3176	179402	69672	155863	2283 10.
Grand Total Original Wks + Repairs	530 965	62199	257957	845121	180825	31410	212 235	588624	33567	36657	197999	265531	3057	33434	3176	179402	214793	173209	6376800

N.B. The outlay for the first ~~five years~~ is not shown according to classifications as the information is not immediately available from the printed Annual Accounts.

22° Nov 1878

/signed/ L. C. Gordon
Exa of P.W.D

Office of the Director
of Public Instruction
Madras 13th November 1871.

No. 2050

(51)

From

The Director of Public Instruction
Madras.

To

The Secretary to Government
Department Public Works
Fort Saint George.

Sir

I have the honor to forward a copy of the Budget Estimate of the Civil Engineering College for 1872/73.

2 I have included in the Estimate the sum of Rupees 1200, the Salary of the additional Surveying Master sanctioned by the Government of India, Financial Department, No. 2432 dated the 20th October 1870.

I have the honor to be,
Sir
Your most obedient Servant

J B Pratt
Director of Public Instruction

Honor to offer the following

P. W. 1871 Depart.
Recd Govt Affs Summary
From No. 5439.
The Director of
Public Instruction
To The Secretary to Govt
Dept of Public Works

Dated 13 }
Rec'd 14 } November 1871

No 2050.
Enclosures 1.
No.
Submitting Copy
of the Budget Estimate of
the Civil Engineering College
for 1872/73 with Remarks

No 269-270. 29 Dec/72

No. 550

Budget Estimate of the Civil Engineering College from 1st April 1872 to 31st March 1873.

Number				Actual		Estimate	
1871	1872	1873	Civil Engineering College	1870/71	1871/72	1872/73	Remarks.
1	1	1	Principal	7200	7200	7200	
0	0	0	Military Allowances	3524	3524	5880	The increase is owing to the appointment of a 6th Assistant Master sanctioned by the Govt of India Financial Depart. No. 4232 dated 20th October 1870.
8	8	8	Teachers	12848	14580	16260	
1	1	1	Instructor in Book keeping	480	528	528	
2	2	2	Clerks	840	840	840	
1	1	1	Sergeant Majors Staff Pay	960	960	960	
1	1	1	Librarian	180	180	180	
13	13	13	Servants	770	816	816	
—	—	—	Contingencies	3241	5122	4869	
—	—	—	Purchase of Instruments	18	300	300	
—	—	—	Stipends	2631	3600	3600	
—	—	—	Government Scholarships	—	600	600	
—	—	—	Library Allowance	499	500	500	
—	—	—	Prize Allowance	299	300	300	
			Total Grant for the Civil Engineering College	32990	39050	42833	
			N.B.				
			Number of Students	81	85	90	
			Fees and Contributions	2342	3000	3000	

Office of the Director of Public Instruction
Madras 15th November 1871.

J. B. Brett
Director of Public Instruction

521

Honor to offer the following

P. Proceedings.

No. 2055

Office of the Controller of
Public Works Accounts.
Madras, 10th November 1871.
573

From

The Controller of Public Works Accounts,
Madras.

To

The Secretary to Government,
Public Works Department,
Fort St. George.

Sir,

Adverting to the order
of the 24th ultimo, No. 2702, in
which Government direct me
to submit a statement of
existing Public Works
Establishments, divided
into Imperial and Provincial
on the principles indicated
in paras 10 to 12 of the Proceed-
ings of the Government of
India No. 606 A. G., of the 19th
September last, I have the
honor to offer the following

observations.

2. When a portion of the revenues of the Country were made over to Local Governments and Administrations, it was ruled by the Government of India that the Accounts of expenditure from these funds should be kept distinct under the head "Provincial services." Looking, however, to the peculiar circumstances of this Presidency, the Madras Government decided that a large share of the Provincial allotments for Public Works should be treated as an grant-in-aid to the District Road Fund, and all roads, bridges, &c., save those at the Presidency and in the Jeypore Country, are now treated as Local. The amounts actually so spent up to date under the distinct head "Provincial" on account of Public Works are as follows:-

New Works.	Rs.	6,31,033
Repairs.	"	1,49,450
Establishments	"	1,63,660

3. The expenditure from these grants alone is required to be shewn under "Provincial" in my Accounts.

4. Taking the detailed appropriations made by Government and the several Superintending Engineers up to 30th September 1871, I do

not find more than two Ranges in which the allotments under "Provincial" are in excess of those appearing under Imperial and Local. The cases referred to are as follows, and, in one of them, (Vellore Range) it is very doubtful whether the allotments still to be made by the Superintending Engineer from the unappropriated balance of the grant for the North Arcot District at his disposal will not, with the assignments up to the 30th September, show, at the close of the year, a larger sum under Imperial than will appear under Provincial:—

Ranges.	Appropriations for Imperial works Ordinary and Extraordinary	Appropriations for Local Fund Works.	Appropriations under "Provincial".
	Rs.	Rs.	Rs.
Vellore.	21,214	14,361	41,607
Paumben.	760	3,000	6,720

5. Save in these solitary instances, none of the Range Establishments can be regarded as "Provincial". There are many charges, however, the appropriations for which under "Local" exceed those appearing under "Imperial" or "Provincial". Examples of these are given in the subjoined Abstract:—

Ranges.	Imperial Grants Ordinary and Extraordinary	Local Fund grants	Provincial grants
	Rs.	Rs.	Rs.
Russelcondah	3100	22028	866
Nazaragentaum	11468	65077	27418
Nazaranagroum	13141	39144	6272
Rajahmundry	18549	125257	13789
Ganjam	41	21310	6801
Mundagaroum	2564	40200	439
Western Range Nellore	9762	50305	293
Koidroog	8164	68602	—
Ghoody	15732	67891	47
Mundial	15470	95168	395
Seroolor	27150	53951	2410
Poonamallee	19598	56911	5331
Chittoor	20709	95669	4425
Cuddalore	37811	68845	3833
Trideramum	2211	52818	—
Conjeveram	32697	67713	2106
Negapatam	20865	78777	1002
Nursery	8700	33760	7611
Palghaut	4492	82698	9457
Pottoor	962	30160	4293
Dindigul	1650	51180	14315
Tanjore	14335	49180	1207

6. The orders of the Government of India communicated to me with the Proceedings of this Government under reply, make no allusion to "Local" in the classification of Establishment charges noted in para 12, nor do I think it advisable to divide the Public Works Establishments of this Presidency in the manner indicated. The Madras Range Establishments are not fixed, and it frequently happens that a Range, presided over during one portion of the year by an Executive or Assistant Engineer, is, during another, administered by a member of the Upper Subordinate

Establishments. If, therefore, the Establishments of each Range are to be regarded as Imperial, Provincial or Local, according as the works under execution therein appertain mainly to one or other of these heads, or if the charges to Imperial, Provincial, and Local, on account of Establishments are to be regulated with reference to the proportion which the total outlay on works in a Range bears to the expenditure on works under each of the heads of service indicated, complications will certainly arise, and the Government may and shrinkly find themselves called upon to make good shortfalls to one Fund under "Establishments," by increased grants from other funds, to meet additional charges under the same head. It appears to me that the present arrangement, under which fixed grants for Establishments, bearing a fair proportion to the outlay on works, are made from the Provincial and Local Funds of this Presidency is best suited to our requirements, as, by it, the Government may safely calculate upon the exact contributions from those services, and avoid the embarrassment which the division of

Establishments suggested by the Government of India is likely to entail. Up to the end of the past official year, the share of Establishment charges to be met from Local Funds depended upon the outlay on works, and the records of Government will show, under this head, as well as under "Extraordinary", for which even now no fixed grant is made, that, in order to make good short contributions from these sources, large and unexpected reductions have had to be made from the small grants under "Ordinary."

7. In bringing all these circumstances into consideration, and more especially those referred to in paras 4 and 5 and in the former part of para 6, I respectfully request that, if Government still require me to submit the Statements called for in the order of the 24th ultimo, I may be favored with such further instructions as will remove the difficulties which I have brought to notice, and enable me to comply with their requisition.

I have the honor to be
Sir,
Your most obedt servant.

S. Rhodes

Controller of Public Works Accounts.

Ga 24 Accts/71-72 391-392

24/2/73 ✓

P.W. 1871 Depart.

Proc. of Govt. for January

No. 543.

From

The Controller P.W. Accts,
Madras.

To

The Secretary to
Government P.W.D.

Sd/ A.K. George.

Encls. 1 to 3. Nos 2 to 4 of 1871.

Dated 10th November 1871.

Recd 13th "

No. 2055

Offering certain observations with reference to the G.O. directing the submission of a Statement of existing P.W. Establishments divided into "Imperial" and "Provincial".

No 549

No. 269-270-29 Dec/72

List of the Conservancy Establishments under the Public Works Department

	Monthly	Annually	Remarks
Godavery District			
No 1 Range de Coasting Delta including Anicut Establishment			
1 Delta Superintendent	70		
2 Do @60 each	100		
4 Do @40 "	160		
2 Do @30 "	60		
14 Lascars @5	70		
2 Lock Superintendents @15	30		
4 Do @12	48		
8 Do @10	80		
4 Do @8	32		
60 Lock Lascars @6	360		
20 Do @5	100		
25 Anicut Tindals & Lascars @6	150		
15 Do @5	75		
3 Maistries @18, 15 and 12 Rs each	45		
2 Goomastahs and Clerks @15	30		
1 Sheriff	10		
	1,420	17,040	
No 2 or Central Delta			
1 Delta Superintendent	70		
1 Do	50		
3 Do @40	120		
1 Do	30		
11 Lascars @5 Rs each	55		
2 Lock Superintendents @12 Rs. each	24		
3 Do @10	30		

dated 11th January 1869.

	Monthly	Annually	Remarks
2 Lock Superintendents @ 8 Rs. each	16		
21 Lock Lascars @ 6 Rs. each	126		
7 Do @ 5	35		
	556	6,672	
№ 3 Range on Western Delta			
1 Delta Superintendent	70		
3 Do @ 50	150		
4 Do @ 40	160		
2 Do @ 30	60		
19 Lascars @ 5	95		
4 Lock Superintendents @ 12 Rs. each	48		
5 Do @ 10	50		
3 Do @ 8	24		
39 Lock Lascars @ 6	234		
14 Do @ 5	70		
6 Sealingulah Do @ 5	30		
1 Clerk	15		
	1,006	12,072	
Yelurpad Lock			
1 Coomastah	10		
3 Lascars @ 5	15		
	25	300	G.O. № 2357 dated 19th July
New Irrigation Channel			
1 Lascar	6		
2 Do @ 5	10		
	16	192	G.O. № 3166 dated 30 September
№ 4 Range on Ellore High Level			
1 Delta Superintendent	50		
1 Do	40		
4 Lascars @ 5 Rs. each	20		
1 Lock Superintendent	12		

G.O. № 1549 dated 11th May 1869.

	Monthly	Annually	Remarks
4 Lock Lascars @ 6 Rs. each	24		
2 Do @ 5	10		
3 Sealingulah Lascars @ 6	18		
8 Do @ 5	40		
	222	2,664	
№ 6 Range, Irrigation Establishment for distributing water from the Canals in the Rajahmundry and Peddapore Taluqs			
1 Superintendent	120		
3 Do @ 10 Rs. each	30		
3 Lascars @ 5	15		
1 Peon	5		
	170	840	
Yellaru River water distributing Establishment	24	288	G.O. № 2433 dated 23rd September 1868
Travelling Allowance for the above		238	
Total for Godavery		4,230	
Kistna District			
Conservancy Anicut Establishment			
1 Anicut Superintendent	100		
2 Lascars @ 5	10		
1 Maistry	30		
1 Coomastah	12		
1 Tindal	7		
8 Lascars @ 6 Rs. each	48		
20 Do @ 5	100		

G.O. № 1549 dated 11th May 1869.

G.O. № 3461 dated 13th November 1865.

G.O. № 369 dated 31st January 1866.

	Monthly	Annually	Remarks
2 Lock Goomastahs @ 10 Rs each	20		
14 Do Lascars @ 5	70		
	397	4764	
Irrigation Establishment			
2 Delta Superintendents @ 70 Rs. each	140		
40 Channel Superintendents @ 12	480		
44 Lascars @ 5 Rs	220		
	840	10080	
Navigation Establishment			
2 Navigation Superintendents @ 50 Rs. each	100		
2 Lascars @ 5 Rs. each	10		
	110	1320	
Nizampatam Canal and Koilhand Lock			
1 Goomastah	15		G.O. № 3401 dated 13th November 1865
6 Lascars @ 6	36		G.O. № 369 dated 31st January 1866
	51	612	
Veerumlu Lock			
1 Goomastah	15		
6 Lascars @ 6 Rs each	36		
	51	612	
Nedamolu Lock			
1 Goomastah	15		
6 Lascars @ 6 Rs. each	36		
	51	612	
Anthoomanoo Lock			
1 Goomastah	12		
6 Lascars @ 6 Rs. each	36		
	48	576	
Tidal Lock			
1 Goomastah	12		
6 Lascars @ 6 Rs each	36		
	48	576	

	Monthly	Annually	Remarks
Boodimair Channel, Vasanapully Lock			
1 Goomastah	10		
3 Lascars @ 5 Rs. each	15		
	25	300	
Buntoomilly Channel, Vaderam Lock			
1 Lock Goomastah	10		
3 Lascars @ 5 Rs each	15		
	25	300	
Polair Channel Pamaroo Lock			
1 Goomastah	10		
3 Lascars @ 5 Rs. each	15		G.O. № 3401 dated 13th November 1865.
	25	300	G.O. № 369 dated 31st January 1866.
Nizampatam Canal Poo-gunla Lock			
1 Goomastah	15		
6 Lascars @ 5 Rs each	30		
	45	540	
Katchihady Lock			
1 Goomastah	10		
4 Lascars @ 5	20		
	30	360	
Intore Lock			
1 Goomastah	10		
4 Lascars @ 5	20		
	30	360	

	Monthly	Annually	Remarks
Mullamada Lock			
1 Goomastah	10		
4 Lascars @ 5	20		
	30	360	G.O. № 3401 dated 12th November 1865
Tidal Lock			
1 Goomastah	10		
4 Lascars @ 5	20		
	30	360	G.O. № 369 dated 31st January 1866
Jagaralamoody Lock and Sealingullah			
1 Goomastah	12		
4 Lascars @ 6	24		
	36	432	G.O. № 2449 dated 13th August 1867.
Vellatoor Western Bank Channel			
1 Goomastah	15		
7 Lascars @ 6	42		
	57	684	G.O. № 3114 dated 1st October 1866
Coonnamore Channel			
1 Goomastah	12		
4 Lascars @ 6	24		
	36	432	G.O. № 586 dated 23rd February 1869.
Collone Canal			
1 Delta Superintendent	40		
1 Channel do	8		
1 Lascar	6		
1 Do	5		
	59	708	G.O. № 2521 dated 22nd October 1871.

	Monthly	Annually	Remarks
			581
Nazid Division for Collecting water rate in Zemindary and Inam Lands			
1 Inspector	20		
1 Goomastah	15		
1 Shroff	10		
2 Peons @ 6	12		
	57	684	G.O. № 1172 dated 26th April 1871.
Pondatah Sluice and three Sealingulahs at Pundrapaud			
2 Lascars @ 6 Rs. each	12	72	For six months G.O. № 2408 dated 8th August 1867.
Nellahnudie and Mudla-payliam Sealingulahs			
1 Goomgatah	10		
4 Lascars @ 6	24		
	34	204	
Punchavagoo and Salter Sealva Sealingulahs and Sluices			
3 Lascars @ 6	18	108	For six months G.O. № 2408 dated 8th August 1867.
Aleru Sealingulah			
1 Goomastah	10		
4 Lascars @ 6	24		
	34	204	
Aramanidu Channel			
1 Goomgatah	10		
3 Lascars @ 6	18		
	28	168	

	monthly.	Annually	Remarks.
Calingulah at Mopurrum on the Boodamair			
3 Lascars @ 5	15	75	For 5 months G.O. No 3228 dated 13th October 1868.
		25,803	
Travelling allowance for the above		744	
Total for Kistna District		26547	
Nellore District			
Southern Delta of Pennair			
1 Delta Superintendent	70		
1 Goomastah	15		
1 Lascar	6		
	91	1092	G.O. No 2688 dated 16th August 1867
1 Amicut Superintendent	60		G.O. No 3690 dated 18th November 1869.
1 Goomastah	10		
1 Lascar	7		
12 Do @ 6	90		
	167	2004	
Southern Delta Pennair Durvapully Branch Channel			
1 Head Lascar	6		
4 Lascars @ 5	20		
	26	312	G.O. No 2482 dated 28th September 1871.
Southern Delta of Pennair			
1 Goomastah	10	70	For seven months G.O. No 2482 dated 28th September 1871.
1 Goomastah	8		
2 Lascars @ 5	10		
	18	126	

	monthly.	Annually	Remarks.
1 Delta Goomastah	12		
7 Lascars @ 5	35		
	47	329	
1 Delta Goomastah	8		
4 Lascars @ 5	20		
	28	196	For seven months
1 Delta Goomastah	10		G.O. No 2688 dated 16th August 1867
5 Lascars @ 5	25		" No 3690 " 18th November 1869.
	35	245	
	1		
Nellore Taluk			
1 Superintendent	7		
2 Lascars @ 5	10		
	17	68	
Valjinda Labrinnel Headdluce			
4 Lascars @ 5	20	80	For four months G.O. No 3510 dated 30th November 1863
Gundiveram and Danvar Channel			
Head Sluice at Daingam			
1 Goomastah	7		
4 Lascars @ 5	20		
	27	108	
Total for Nellore District		4630	
Presidency District			
Chepauk Buildings Conservancy			
1 Fairbank Bullock and Driver	20		
2 Bullocks @ 5	10		
Total for Presidency District	30	360	G.O. No 100 dated 17th January 1870.

	Monthly	Annually	Remarks.
Chingleput District			
Conservancy Anicut & Establishment			
1 Moneagar	51		
3 Lascars @ 5	15		
	66½	306	G.O. № 344 dated 4th February 1871.
Tullur Anicut Sluices and Channels			
1 Moneagar	10		
1 Lascar	5		
	15	180	G.O. № 307 dated 6th February 1871.
Anicut across the Cortillier			
1 Anicut Superintendent	25		
4 Lascars @ 7	28		
	53	636	G.O. № 1346 dated 16th May 1871.
Conatoor Anicut			
1 Moneagar	7		
1 Peon	3½		
	10½	126	G.O. № 231 dated 20th February 1871.
Water distributing Establishment Kambankal Channel			
1 Maistry	20		
2 Lascars @ 6	12		
12 Ninganties @ 4	48		G.O. № 168 dated 12th January 1864. Revenue Department.
	80	960	
Total for Chingleput District		2208	
North Arcot District			
Palar Anicut			
1 Moneagar	25		
24 Lascars @ 4½	18		
	43	516	

	Monthly	Annually	Remarks.
Poiety Anicut and Channels			
1 Moneagar	15		
1 Do for Channels	12		
7 Lascars @ 4½ Rs. each	31½		
1 Do	14¼		
	62¾	753	
Cauveripak Tank			
1 Moneagar	9½		
2 Lascars @ 4½ Rs. each	9		G.O. № 2785 dated 31st August 1868.
	21	252	
Mahindravady			
Moneagar	12		
3 Lascars @ 4½ Rs. each	13½		
	25½	306	
Goindavady Channel			
1 Moneagar	12		
3 Lascars @ 4½	13½		
	25½	306	
Poiney Anicut and Channel			
1 Lascar	5		
1 Do	3¾		
	8¾	105	G.O. № 168 dated 16th January 1864.
Doosay Tank and Channel			
1 Moneagar	15		
3 Lascars @ 4½	13½		
	28½	342	

	Monthly	Annually	Remarks
Cheyaur Anicut			
1 Monegar	27		
1 Do	20		
6 Lascars @5	30		
	77	924	G.O. No 168 dated 16th January 1864
Allahabad Damaud Channels			
1 Monegar	10		
5 Lascars @6	30		G.O. No 2926 dated 15th September 1868
	40	480	
Total for North Arcot District		3984	" No 3495 dated 19th November 1868
South Arcot District			
1 Overseer	35		
6 Cottens @4	24		
4 Do @4	16		
3 Do @4	12		
1 Superintendent	15		
6 Cottens @4	24		
4 Peons @5	20		
1 Driver	13/4		
4 Cottens @4	16		
4 Peons @5	20		
4 Tallicries @2	8		
1 Monegar	7		
1 Ameen	14		
4 Cottens @4	16		
1 Ameen	7		
3 Cottens @4	12		
1 Ameen	10		

	Monthly	Annually	Remarks
Cottens @4	16		
	273¾	3285	G.O. No 2763 dated 28th August 1868
Mamoatoor Anicut			
Overseer	25		
3 Cottens @4	12		
1 Peon	5		
	42	504	G.O. No 1519 dated 5th June 1868
Total for South Arcot District		3789	
Trichinopaly District			
No 1 Range			
Cauvery and Coleroon			
Poodoogarys			
Peishcar	7		
1 Monegar	5		
3 Peons @4	52		G.O. No 3430 dated 15th November 1867
	86	1032	" " 20 " 21st January 1868.
No 2 Range			
Cauvery Poodoogarys			
Peishcar	7		
1 Monegars	5		
4 Peons @4	16		G.O. No 3430 dated 15th November 1867
	28	336	" " 20 " 21st January 1868.
Kowmboo Establishment			
2 Monegars @4	8		
1 Do	3		
	11	132	G.O. No 2277 dated 13th August 1863

Name.	Monthly	Annually	Remarks.
No 3 Range			
Pannaikkolhaikkal			
1 Monegar to direct water at the channel head		10	
4 Flankmen @4		16	
2 Do @3		6	
1 Monegar for regulating water supply among branches		15	
1 Bank watcher		4	
		51	612
No 4 Range			
Cauvery Poodoogay			
1 Monegar		5	
3 Peons @4		12	
		17	204
Kowmboo Establishment			
1 Monegar		5	
1 Do		3	
		8	96
Nunthyan Assist			
1 Monegar		12	
1 Do		10	
2 Shutterman @5		10	
11 Do @4		44	
		76	912
Total for Trichinopoly District			3324

Remarks.

Fair Copy

G.O. № 292 dated 30th January 1867.
" 3820 of 10th December 1868.

G.O. № 3430 dated 5th November 1867
" 207 31st January 1868

G.O. № 2297 dated 13th August 1867
Government of India № 3324 dated 28th December 1868 Financial Department
Government of India № 215 EI dated 18th January 1870. Madras Government G.O. № 535 dated 16th February 1870.

G.O. № 535 dated 16th February 1870.

Name.	Monthly	Annually	Remarks.
Tanjore District			
Water distributing Establishment			
Monegar		10 3/4	
Do		10 1/8	G.O. № dated 5th October 1840.
Do		10	" 24th July 1853
Do @6		18	
6 Cutters		6	
2 Do @4		20 8	
		26 27/8	316 4/12
Conservancy Establishment			
8 Monegars @6		48	
Do		5	
28 Cutters @4		112	
		165	1980
Navigation Establishment			
Monegar		17 1/2	
Do		15	
Do		14	
9 Cutters @4 1/2 Rs. each		13 1/2	
3 Do @4		52	
		112	1344
Bauvenpand Cadamon thy Farm			
Superintendent		10	
Do		8	
1 Do		7	
5 Shutterman @5		25	
		50	600
Total for Tanjore District			7079
Ganjam District			
Neelavatty Establishment			1244 G.O. № 18 dated 25th August 1870 Revenue Department
Vizagapatam District			
Nerravitty Establishment			628 G.O. № 17 dated 3rd September 1870 Public Works Department

Remarks.

G.O. № dated 5th October 1840.
" 24th July 1853

G.O. № 16944 dated 14th July 1870.

	Monthly	Annually	Remarks
Madura District			
Meeranikum Establishment	01	192	
Tinnevelly District			G.O. No 1511 dated 23rd August 1870. Revenue Department
Meeranikum Establishment	01	1164	
Malabar District			G.O. No 17 dated 3rd September 1870. Public Works Department
Meeranikum Establishment		222	

Abstract

Godavery	1	4230
Kistna	2	2647
Nellore	2	1630
Presidency	01	360
Chingleput		2208
North Arcot	2	3,984
South Arcot	2	3,789
Trichinopoly	1	3,324
Tanjore	2	7,079
Ganjam	2	1,244
Vizagapatam	1	628
Madura		192
Tinnevelly	1	1,164
Malabar		222
Total	20	97,677

Offices of the Controller of Public Works Accounts
Madras 16th November 1871

Controller of Public Works Accounts

Enclosure in a letter
from the Controller of
P. W. Accounts to the Secretary
to Government P. W. D.
dated 16th November 1871
No. 2057
P. W. 5404/71

Office of the Controller of
Public Works Accounts
No 2057 Madras, 16th November 1871.

From
The Controller of
Public Works Accounts.

To
The Secretary to Government
Public Works Department
Fort St George.

Enclosure
1 Abstract of
Estimate

Sir,

I have the honor to
submit Part II, or the Budget
of Establishments, for 1872-73.

2. The Budget Estimate, as
prepared, amounts, in round
numbers to Rupees 22,40,700 or
Rupees 65,830, as follows, in excess
of the total of the Statements
recently forwarded to the
Government of India, of which
Copies have been furnished
for my guidence.

		Rs.
1	Pay Proper of Officers of the Government Secretariat	8256
2	Do District Engineers	33,462
3	Do Assistants Do	27,032

Rs. 2,174,865

	Rs.
4. Pay Proper of Principal of the Civil Engineering College	1,680
5 Difference between the actual authorized cost of and the amount provided in the Statements for the Civil Engineering College	250
6. Annual increments to Controller of Public Works Accounts	1570
7 Additional Charges on account of Conservancy Establishments	1588
Total Rupees	73838
Deduct amount provided in statements on account of Pay Proper of seconded Officers	8,000
Balance	65838

3 Owing to the great changes in contemplation, it is impossible to enter, in comparison, the details of the grants for 1871-72. The totals passed under "Direction" "Construction" "Accounts" and "Conservancy" have, therefore, been noted against the aggregate under each of these heads for 1872-73.

4. The current year's assignment for Establishments, as finally passed by the Government of India, according to the most recent orders, is Rupees 19,83,710, distributed as follows:-

Ordinary	Rs.	8,40,000
Extraordinary	"	2,63,000
Provincial and Local	"	8,80,710
		19,83,710

5 The Budget for next year exceeds the grant for 1871-72 by Rupees 2,56,990, and it now rests with Government to determine in what proportion

that excess is to be charged to the services indicated above.

Looking to past expenditure, and the debits actually raised to Extraordinary Agricultural Works on account of Establishment charges during the past three or four years, I beg strongly to recommend that, in arranging the distribution of Establishment Charges for next year, no material increase be made to the current year's allotment under Extraordinary.

6 Accompanying this letter are the following additional Statements, which are submitted for information.

1 Statement of Pay Proposed for Military Officers provided in Part II of the Budget for 1872-73.

2 Statement of the Establishment employed in the Public Works Department.

7 In the Budget Estimate, as now submitted, no provision is made for "personal allowances" to Officers and subordinates, who, under the new scale, will draw less than their present salaries. From calculations which I have made, I do not think that Rupees 60,000 would be more than sufficient to cover the charge. Taking this into account, the total of the Budget will be increased to Rupees 23,00,700 which, compared with the amount (Rupees 19,83,710) passed for the current year.

year, shews an excess of
Rupees 3,16,990.

I have the honor to be
Sir
Your most obedient Servant
S. Thoell
Controller of Public Works Accounts.

year, shews an excess of
Rupees 3,16,990.

I have the honor to be
Sir
Your most obedient Servant
S. Thoell
Controller of Public Works Accounts.

year, shews an excess of
Rupees 3,16,990.

I have the honor to be
Sir
Your most obedient Servant
S. Thoell
Controller of Public Works Accounts.

No. 2186

OFFICE OF THE DIRECTOR OF PUBLIC INSTRUCTION,

MADRAS 2nd December 1871

From

E. B. POWELL, Esq.,

Director of Public Instruction.

To

The Secretary to Government,
Department Public Works.

Sir,

I have the honor to request that you will be pleased to forward for submission to Government, the accompanying copies of letters from that office

dated 17th June 1871 and 18th October 1871

receiving sanction to the Budget of the Civil Engineering College with respect to the salaries and allowances of the Principal, Teachers, and the Civil Engineering College.

2. I am, the Budget for 1872-73 forwarded with my letter of the 15th November 1871, No 2049, the Pay and Allowances of the Principal have been already sanctioned in Captain Rogers, and all other requested by Captain Rogers, and all other salary has been correctly estimated.

3.

P. W. 187 Depart.
From Pro. G. No 5 & 6 Jan 72.
The Secretary of
P. W. Accounts
Madras
To The Secretary to
Government
P. W. Depart
Fort St George.
Dated 10 November
Rec'd 13 1871.
No 2057

—Forwarding the Budget Estimate of Establishments for the year 1872-73.

No 551

No. 269-270-29 Jan 1872

No 551

Transmitting Estimate of Establishments for the year 1872-73

No 269-270-29 Dated 1/12/72

3. I have to observe that, excluding the salary of the 6th Assistant Master of the Civil Engineering College, sanctioned by the Government of India in October 1870, the total difference between the Estimate for 1871/72 and that for 1872/73 is Rupees 2583 and not Rupees 2483, 8. 0 as stated in para 3 of Captain Rogers' letter of the 17th November.

4. Captain Rogers reports that a provision of Rs 140 (under the head of contingencies) for family allowance of a Master is now unnecessary

I have the honor to be

Sir,

Your most Obedient Servant

J. Mitchell

Director of Public Instruction

583 663

The

Civil Engineering College.
Chepauk 17th September 1871.

585 635

To

Captain H. J. Rogers R.E.
Offg Principal, Civil Eng. College.

To

E. B. Powell Esqre M.A.
Director of Public Instruction, Madras.
Madras

Sir,

I have the honor to inform you, that the staff salary of the Principal of the Civil Engineering College provided in the Budget Estimate for the past year is Rupees 600.0.0 with a military allowance of a Captain Rs 293.10.0 aggregating Rs 893.10.0 while my substantive consolidated pay in the Public Works Department as an Executive Engineer 1st Grade is Rs 950 the difference of Rs 56.6.0 should obtain the sanction of Government to be charged under that head and provided for in the Budget of the Civil Engineering College for the ensuing year with an additional item for Pay Proper Rs 140.0.0 per mensem which under present regulations is also chargeable to the Public Works Department.

2. In G. O. No 2,368 dated 1st October 70

The

No Dr. 1871 Despatch.

No 5793. 1871

From
The Director of Public Instruction,

To
The Secretary to Govt
Public Department.

Dated 2nd December, 1871.
Received 6th

Enclosures 2

Despatch

Despatch from the Offg Principal of the Civil Engineering College requesting certain alterations in College Budget.

No 264-270-271 Edn

Rs 5-52

The Government sanctioned to Sub Conductor J. Schoury consolidated pay of Rs 160.0.0 as 4th Assistant Master which was paid to him proportionately from the provision made in the Budget for the pay of Teachers and contingent charges. I beg to suggest that the amount may be entered in the Budget under the former head; a proportionate reduction being made under the head Contingencies.

3. By the above arrangements the actual increase in the Budget Estimate for 1872/73 over is Rs 2356-8-0 on account of the Principal and Rs 12-7 on account of the subsistence allowance &c to the family of the Special Drawing Master.

4. I therefore request that you will be good enough to forward this letter to the Government with your recommendation for the approval of the arrangements therein proposed.

I have the honor to be,
Sir,
Your most Obedient Servant.
(signed) H. J. Rogers, Captain R.E
A.g. Principal. C.E. C.

(True Copy)
J. Ward
Director of Public Instruction

№ 308 C

From

The Principal,
Civil Eng. College,

To

The Director of Public
Instruction, Madras

Dated 17th November 1871
Received 18th " "

P. W. 5793/71.

Requesting to forward this letter for approval and submission to Government with your recommendation about the arrangements therein proposed &c.

№ 513. b.

Civil Engineering College.
Chepauk, 18th November 1871.

From

Captain H. I. Rogers, R.E.
Ag. Principal C.E. College.

To

E. B. Powell Esqre, M.A.
Director of Public Instruction, Madras.

Sir,

In continuation of this Office № 308 C dated 17th instant, I have the honor to inform you that as Sergeant Milne forfeit his family allowances by his promotion in the College that allowances may be made available to the family of Drawing and Surveying Masters of this College, the provision of Rs 127 made in the above letter is unnecessary and request you will be so good as to expunge that portion in fawarding my application to Government and that the same may be communicated to the Controller of Public Works Accounts for his information.

I have the honor to be,
Sir,
Your Most Obedient Servant,
(Signed) H. I. Rogers. Captain. R.E.
Ag. Principal C.E.C.

(True Copy)
E. B. Powell
Director of Public Instruction

Government of Madras.

Appendix B.

Estimate of the probable receipts which will be realized by, and on account of the Public Works Department during the year 1872. 73.

	Estimate 1872. 73. Amount	Total	Estimate 1871. 72 as modified by the Government of India Amount	Total
"Revenue Imperial."				
To be realized in Public Works Department.				
Tolls, Dues, Fees, Fines, and Refunds.	15,000		15,000	
Rents of Buildings.	17,000		17,000	
Sales of Produce, &c.	1,000		1,000	
Sales of Buildings, old materials and Tools and Plant.	12,000	45,000	12,000	45,000
Do Civil Department.				
Tolls, Dues, Fees, Fines, and Refunds.	4,600		4,500	
Rents of Buildings.	"		"	
Sales of Produce, &c.	100		100	
Sales of Buildings and old materials.	400	5,000	400	5,000
Total Revenue Imperial		50,000		50,000

Note. In the Estimate for 1871.72, as modified by the Government of India, Rs. 50,000 were set down as the probable Receipts under Imperial, leaving one lac for Provincial. The division of the former sum between the several sub heads of Revenue however, was not made by the Government of India, but they have been now apportioned with reference to the actuals of the first six months of the year. The same figures have been adopted for the Estimate of 1872.73, as the orders for the separation of Imperial and Provincial Receipts were only lately received, and the transactions of a whole year have not yet been recorded under those heads.

Office of the Controller of Public Works Accounts
Fort St. George 9th December 1871

S. Woodf
Controller of Public Works Accounts.

To
The Secretary to Government
Public Works Department
Fort Saint George.

L & F.

No. 5793/71.

Copy forwarded to the Secretary to Government, Public Works Department, Fort St. George.

Controller of Public Works Accounts.

Fort St. George, 9th December 1871.

Requested to cancel this Memorandum of the 13th inst. being the separation made in the Imperial Estimate under returns which is unnecessary to enter in Estimate, as the application to Government.

Public Works Store Dept.

No. 648 Chepauk 18th November 1871.

From

The General Superintendent
Public Works Stores & Workshops

To

The Secretary to Government
Public Works Department
Fort St. George

Sir

Referring to the abstract Estimate for Stores likely to be required from England for the year 1872/73, submitted with my letter No. 882 dated 16th August 1871, I have the honor to solicit the consideration of Government to the following.

2. In the abstract Estimate above referred to, a sum of Rupees 7000 was included under the head "Provincial and Local Fund Services" for Sola topis for use in the 3rd Division, while in the detailed list of Stores received from the Superintending Engineer the value of the stores required for the above services is given as Rupees 10.551-

3. It is evident from the above that neither the Estimates, nor the detailed lists can be looked upon as fairly representing the requirements of

Rs. 15-15-5-

To the Superintending Engineer
Public Works Department
Fort St. George

The Controller of P.W. Accounts

The Secretary to Government
Public Works Department

Received 9th Feby 1872 Rs. 113

Received 9th Feby 1872 Rs. 113

1 Estimate of the Probable Receipts and Charges for the Current Year 1872-73 of the Madras Harbour Department

1 Estimate of the Probable Receipts and Charges for the Current Year 1872-73 of the Madras Harbour Department

Received 15th Feby 1872

No. 269-69-3 dated 12th Feby 1872

of the Division under the Head of "Provincial" and "Local Fund Services"

4. I beg respectfully to suggest that whatever sum the Government may allot in the Budget for the above services may be apportioned in as Part V of the Budget so that the amounts thus placed at the disposal of Provincial and Local Fund Boards, may be available for purchase of Stores in this Country instead of including in the Budget a lump Sum for Stores to be obtained from England on Indent through the Public Works Store Department.

5. Should the Government view this suggestion favorably, it is proposed to include in the Workshop Indent on the Home Government a large quantity of such tools as will be required and supply the requirements for "Provincial" and "Local Fund Services" from the Workshop Stock on cash payment, leaving the P. W. Stores, to deal with Indents for Imperial Works, and only in the event of the articles applied for not being in Stock in the Workshop Stores, will it be necessary for the Public Works Stores to deal with the Indent.

6. In this way all stores required for works during the year will at once be supplied instead of waiting a considerable time before the Stores are received in this Country. In the meanwhile the Workshop Stock will be replenished from Manufacture with such entrenching Tools &c as will be most urgently needed by Range Officers and Local Fund Boards.

7. I beg particularly to point out that should the P. W. Store Department be the Custodian of Stores for "Provincial" and "Local Fund Services" it will necessitate the opening of two sets of books and accounts and moreover additional Storage room which is not at present available will be required for keeping these stores separate and distinct from Imperial Stores, while if the Workshop undertakes the supply as suggested very little additional work will be entailed and the Stores could be massed together as at present

8. I trust that these suggestions will commend themselves to the favorable consideration of Government as their confirmation will not only enable keep the Workshop in full work during the year but will at the same time enable it to utilize the large Stock of raw materials now lying almost idle in the P. W. Stores

I have the honor to be
Sir
Your most Obedient Servant
H. Granger C.E
Genl. Supt. P.W. Stores & Workshops

List enclosed

List of Books kept in the P. W. Store Dept.

1 Register of Letters Received
1 do of do Despatched.
1 Receipt Book of Machinery
1 Issue Book of do
1 Receipt " of Tools and Plant
1 Issue " of do
1 Receipt " of Scientific Instruments & Drawing Materials
1 Issue " of do do
1 Receipt Book of London Stock.
1 Issue " of do
1 Receipt Book of Indian Stock
1 Issue " of do
3 Sets of Ledgers to the above
1 Banking & Account Book.
1 Invoice Book.
1 General Stock Book of P. W. Stores
1 Indent Book
1 Survey Report Book
1 Check Book of Stores despatched by rail
1 " " of do by Sea
1 Cash Book
1 Cash & Method Book
1 Stock " "
1 Journal
1 Ledger
1 Sloth Ledger
1 Trial Balance Book
1 Bill Book
1 Register of Stores received from England.

33

Public Works Store Dept.
Calcutta 18th June 1871

J. Strachey C.E.
General Superintt P.W. Stores

Rs 29 Copy Ltr Book 1-348

Public Works 1871 Mechanical
Receipt Ltr. 1 January

No 5557

From
The Executive Engineer
of Dacca
To
The Secretary to Govt. of B.&O.
Public Works Department

Dated the 3 March 1871
Received do

No 440
Encl. 1

Plans and an Estimate
for consideration & for
transmission to the India Office
from "Romanee" and
Coal Fund Steamer

No 2169 - 270 - 29 May 1872

571
614

Public Works Department
Blomfield Street, Westminster, 17th December 1891

No. 723

From

The Financial Secretary
Public Works Department

To

The Secretary to Government
Public Works Department

Sir,

I have the honour to forward for the sanction of Government the Annual Estimate on the Government Fee Public Works for the year 1892/93, the estimated value of which amounts to Rupees 13,37,000 (Thirty eight thousand and five hundred Rupees) Ordinary Rupees 10,000/ for Revenue Rupees 13,37,000/ thirty eight thousand and five hundred.

No demands except such as can be met from the Funds, appear under the head "Extraordinary" in the Estimate for which requisition for 1892/93 as far as have been received from Superintending Engineers, and generally this head in the Estimate is omitted.

From advices received all the articles due from Contracts will be supplied during the current or former Contracts will be supplied during the current Financial Year, with the exception of the Teak for Dredger in the Godavery, for which a separate Estimate will be submitted

Enclosure in a letter from the Genl. Supdt P.W. Stores &c to the Secretary to Govt P.W.D. No 648 dt 18th November 1891.

Statement of Stocks held in the P.W. Store Depot

Submitted by Government in October last. Provision has however been made in the Budget for meeting the Cost of the Indent.

4. I beg to submit two Statements marked A and B (Part V of the Budget) Statement A represents the requirements of the Superintending Engineers compiled from the Returns received while Statement B is the result of Indents for each District. Taking into consideration the requirements of the Districts, will be met from Stock in hand, ample provision is made in the Statement to meet the wants of Range Officers for Tools & Plant which the Department may not be in a position to supply. It is assumed that the whole allotment for Local Funds Services will be placed by Government at the disposal of Superintending Engineers for the purchase of Stores in this Country.

5 A copy of the Indent prepared in the Form prescribed in G.O. No 1979 dated 12th July 1865 is also forwarded in duplicate for submission to the Government of India with the Budget.

I have the honor to be
Sir
Your Most Obedient Servant
L. Nicholson Lt Col
General Superintendent P.W. Stores &c

Part V — Imperial Portion

Detailed Estimate for Roads and Plant for 1872/73.

Number	District or Department	Carriages Inspection Vehicles	Agricultural	Total	Plant	Office Furniture	Camp Equipage	Live Stock	Total	Establishment Carriage	Total
1st	Ganjam	"	"	200.	"	"	"	"	200.	30.	230.
	Vizagapatam	"	"	200.	"	"	"	"	200.	30.	230.
	Godavery	"	"	900.	"	"	"	"	900.	50.	950.
2d	Kistna	"	"	500.	"	"	"	"	500.	200.	700.
	Nellore	"	"	100.	"	"	"	"	100.	100.	200.
3d	Bellary	"	"	150.	"	"	"	"	150.	50.	200.
	Cuddapah	"	"	150.	"	"	"	"	150.	50.	200.
	Kurnool	"	"	150.	"	"	"	"	150.	50.	200.
4th	Presidency	"	"	"	"	"	"	"	"	100.	100.
	Chingleput	"	"	150.	"	110.	50.	"	310.	120.	430.
	North Arcot	"	"	100.	200.	"	"	"	300.	100.	400.
5th	South Arcot	"	"	200.	"	200.	150.	"	650.	50.	600.
	Salem	"	"	100.	"	90.	"	"	190.	50.	240.
	Bangalore	"	"	30.	"	"	"	"	30.	20.	50.
6th	Seringapatam	"	"	500.	"	"	"	"	600.	200.	700.
	Trichinopoly	"	"	200.	"	"	"	"	200.	70.	270.
7th	Coimbatore	"	"	200.	"	130.	150.	"	580.	150.	730.
	Nilgherry	"	"	250.	"	"	"	"	250.	150.	400.
	South Canara	"	"	100.	500.	200.	"	"	800.	150.	950.
	Malabar	"	"	150.	"	"	"	"	150.	70.	220.
8th	Madura	"	"	240.	"	"	"	"	240.	100	340.
	Tinnevelly	"	"	250.	"	"	"	"	250.	150.	400.
Wynaad	Wynaad	"	"	80.	"	"	"	"	80.	100	180.
		"	"	5000.	700.	730.	350	"	6780	2140.	8920.
	P.W. Store Dep.t	1030	"	"	"	50.	"	"	1080	15000	16.080.
											25.000.

Public Works Store Department
Chepauk 18th December 1871.

H. Steinger C.E.
General Supt.t P.W. Stores and Workshops

To P.W. Store Dep.t
Fort St. George

Dated 19th December 1871

Sir,

I am directed by the Secretary to Government to forward herewith a Detailed Estimate for Tools and Plant for the Store Establishment for the year 1872/73.

I have &c.
Engineer.

Submitted. Annual Store Establishment 25 Lacs for Tools Plant &c. for the Store Establishment for the year 1872/73.

Superintending Engineer

No 5-53

No 269-270 dated 19th Dec 1871

P. W. 6029/71

Enclosure no 1 of letter from the General Superintendent Public Works Ajmere and Mhairwara to the Secretary to Government P. W. Department, Fort St George Dated 15th December 1871 No 723

Part V

Detailed Estimate for Tools & Plant for 1872/73

583.627

All communications should be addressed to the Secretary.

No. 4 A. G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To,

The Secretary to the Government of Madras.

Public Works Department.

Fort William, 2 January 1872.

Sir,

I am directed to acknowledge receipt of your letter No. 3199 dated 20th December 1871, and in reply to state that on no account should the despatch of the Madras Public Works Budget Estimate be delayed beyond the 25th January, as the general budget estimate of the P. W. Department has to be rendered to the Financial Department finally on the 1st February.—

I have the honor to be,
Sir,
Your most Obedient Servant

J. McLeod

Dy. Secretary to the Govt. of India.

1872.

P. Dr. 602/71.
4-0-25 29-1-72
Enclosures returned.

Despatched to Madras
per steamer of
29/1/72.

Despatch
No. XV

Office of the Controller of Public Works Accounts
Fort Saint George, the 7th January 1872.
No. 2567

From,
The Controller of Public Works Accounts,
To,
The Secretary to Government,
Public Works Department,
Fort Saint George.

Sir,

I have the honour to submit Part II, or the Budget of Establishments, for 1872-73, providing for the existing organization, as directed in para 20 of G.O. No. 30, dated 15th January 1872, in the Financial Department.

2. The current years

additional for Establishments, as finally passed by the Government

Rec'd 10th Jan'y 1872

P.W. 1872 Dept
Proc. of Govt for Jan'y
No. 82.

From
The Government of India.

Rec'd 21st January 1872

Intimating that the despatch of the Madras Public Works Budget Estimate should be delayed on new account beyond the 20th January 1872.

No. 587

Government of India, according to the most recent orders, is Rupees 19,83,710, distributed as follows:—

Ordinary	= Rupees 840,000
Extraordinary	— 263,000
Provincial and Local	— 880,710
Total	— 1983710

3. The Budget Estimate for next year, exceeds the grant for 1871-72 by Rupees 91,890, as follows:— # Rs 2075,600 in round numbers

Direction.

Pay Proper of Secretary, Rs.	3653
Do — Under Secretary —	1680
Do — Joint Secretary —	1680
Do Superintending Engineers	23,000
Pay of Under Secretary —	11,400
House Rent of — Do —	540

Military

Military allowances of Superintending Engineers — 7500	19,453

Deduct

Savings effected on Office Rent for Superintending Engineers —	1300
Official Postage — 12,000	13,300
Net Increase —	36,153

Construction

Pay Proper of Military Officers of the Engineering Establishment —	26,400
Military Allowances of — Do — Do —	2,724
Pay Proper of Principal of the Civil Engineering College —	1,680
Additional Cost of Local Fund Petty Establishment	6,630
Official Postage — 12000	49,434

Deduct.

Saving effected on House Rent of Consulting Architect —	720

Office Establishment consequent on abolition of 1st VI Range, Chingleput District as a separate charge, and a clerical error of Rupees 12 in the Budget for 1871-72 ——— 1218

1968

Net Increase — 47,466

Accounts.

Establishment entertained for the Audit of Local Fund Expenditure by Civil Officers — 6,600

Deduct.

Saving effected on Controller's Salary, as compared with the provision for 1871-72 ——— 1,430

Net Increase — 5,170

Conservancy.

Cost of additional Establishments, and to make up round numbers ——— 3,101

4. It will be observed that the chief portion of the total increase is on account of Pay Proper, for which no provision has hitherto been made in the Public Works Budget.

5. The additional sum provided for Military allowances is to cover the difference between the salaries that will be actually drawn by Officers under the old rules and the authorized consolidated rates.

6. Beyond allowing for the Pay Proper of the Principal, no addition has been made to the current years

x Present in their charges in 1872-73.

years grant for the Civil Engineering College, as no more than the salary of the permanent incumbent can be provided for.—

Under Contingencies Local Fund, the amount passed in the Budget for 1871-72 has been entered, subject to the approval of Government.—

8. The only Establishment other than Petty, specially sanctioned from Local Funds, for which the Budget now submitted provides, is that authorized to be entertained in this office, amounting to Rupees 6,000— There is no distinct record here of the Establishments (under Collectors, &c.,) the bills for which will have to be audited by me, but I presume that when the regular Local Fund Budget is passed, the want will be supplied, and the necessary additions made to the Public Works Credits.—

I have the honor to be,
Sir,
Your most Obedient Servant,

S. Hood

Controller of C.W. Accounts.

Enc.

407

GW. 326.

Municipal Commissioners' Office,
Madras, 29th September 1871.

637

From

J. C. Loch Esqre
Offg President Mun. Commrs
Madras

To,

Colonel I. Carpendale
Secretary to Government
Public Works Department
Fort St. George

Sir,

With reference to the Proceedings of Government noted in the margin, I have the honor to forward herewith a Budget Estimate of the charges of this Department against Government for the repair of Government Roads for the official year 1872/73.

Date 15th April 1862 No. 289. Financial Department.

I have the honor to be,
Sir,
Your most obedient servant
J. C. Loch
Offg President
Municipal Commission
Madras

P. D. No. 1872 Miscellaneous
No. 327.

From
The Controller of Currency
&c
The Secretary to Government
Public Works Department,
Fort St. George.

Dated 19th
Rec'd 22nd January 1872

No. 2567

Submitting Part II
of the Budget Estimate
Establishments, for 1872-73

No. 269-270. 29 Dec 71

No. 558

No. 8.

Presented by the Chairman of Committee on Petitions, Offices, Claims and Privileges 1871.

IX. Miscellaneous.

Statement of Amounts Claimed 1870/71 1871/72 1872/73

Estimate of Government Grant — 3500 3500

Estimated Municipal Income
as per Gov. Appropriation Act
14 Victoria 1868 p. 2594 Item

Estimated Rent of Land from Municipality
Grass rent Government Quarry
Municipal Markets & Slaughter House
Interest on Investments
Fees Building Permits &c
Miscellaneous Revenue

1407 1500

2500 2500

2907 2907

2257 2257

Expenses 3500 3500

Chas. Ellis.

Office of Government Secretary

Colonial Secretary's Office
Claims 29th September 1871.

No 1871 Regist.
Pro. Gov. Inquire
Ans
Of 4675

From
The Chairman
Municipal Committee

Dated 27th Sept.
Rec'd 2nd Oct. 1871

No 526
Encl: 1

Forwarding
the Municipal
Budget Estimate
for the repair of
Government Roads
for 1872-73.

No 269-270-29 Oct 71

No 559

No. ; ORDER THEREON, 29 January 1872, No. 269.

ACCOUNT, No.

G. O., No. 2,950, dated 22nd November 1871.

IN their Circular of the 28th October 1871, No. 62, the Government of India made the following assignments to this Presidency for the ensuing official year on account of Imperial Public Works:—

		Rs.
Military		4,00,000
Agricultural	Ordinary...	20,00,000
	Extraordinary	12,00,000
Civil Buildings	Telegraph	55,000
	Postal	15,000
Establishment for Military and other services ...		1,55,000
Tools and Plant for do.		25,000

2. The grants under Ordinary and Extraordinary Agricultural works include the proportion of charges on account of Establishment and Tools and Plant necessary for those works, as also the State outlay in connection with the Madras Irrigation and Canal Company.

3. The following statement exhibits the manner in which the assignments made by the Government of India, inclusive of the State expenditure on Guaranteed Railways, have been distributed in the Imperial Budget, which is herewith circulated for the information and guidance of the department:—

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *29th January* 1872.

No. No. 279-

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

CIVIL WORKS, No.

SIR,—I am directed to forward, for the sanction of the Government of India, the Imperial Budget Estimate of the Public Works Department for the year 1872-73.

2. In their Circular No. 63, dated 28th October 1871, the Government of India direct that commencing from 1872-73 the Budget Estimate of the Irrigation Branch shall be prepared and submitted separately from the Budget Estimate of the rest of the Public Works Department, and that the latter shall exhibit only the grants for the buildings and roads branch, including, at the option of the Local Government or Administration, the grants from Provincial and Local Funds to be spent by Public Works Officers. Circular No. 64, of the 28th October 1871, gives cover to a pattern form of the Irrigation Public Works Budget Estimate, and to a note explanatory of the mode in which the Budget is to be prepared. The main heads into which this Budget is divided are (1) Capital outlay, (2) Revenue outlay, (3) outlay for which neither Capital nor Revenue Accounts are kept, and the expenditure under each of these three heads is to be recorded under the four minor heads of Original Works, Repairs, Establishment, and Tools and Plant. The form of Irrigation Estimate further contemplates that, under the head of Outlay debitable to Capital Account, the grants for each work for which a distinct account is kept should be detailed under certain sub-heads.

3. The constitution of the Public Works Establishment of this Presidency and the system of Accounts in force are so different from those obtaining under the Governments and Administrations more immediately under the orders of the Government of India that forms which may suit the circumstances of those Provinces may be wholly inapplicable to the Madras Presidency, and this Government find it quite impracticable, therefore, to give effect to the wishes of the Right Honourable the Governor-General in Council. The separation of the Agricultural portion of the Budget from the rest of the Imperial Budget can answer no useful purpose, while all other requirements cannot possibly be met. The Government of India are aware that the Madras Public Works Establishment is not separated

into branches for the special and exclusive superintendence of different classes of works, and hence not only is the exhibition of the charges for establishments in the manner proposed not feasible, but the further separation of Imperial from Provincial Establishments required by the Proceedings of the Government of India, dated 19th September 1871, No. 606—A. G., is equally impracticable. In a letter which the Controller of Public Works Accounts has recently addressed to this Government, he points out that in only two out of the eighty-two ranges of this Presidency do the allotments under Provincial exceed those appearing under Imperial and Local, and consequently none of the other Range Establishments can be properly regarded as Provincial. On the other hand, in several of the Ranges, the appropriations under "Local" are larger than those appearing under "Imperial" or Provincial. Under the constitution of the department it frequently happens that an Executive or Assistant Engineer is in charge of a Range during one portion of the year, while during another it is presided over by an Upper Subordinate. If, therefore, the establishments of each Range are to be regarded as Imperial, Provincial, or Local, according as the works under execution in it relate mainly to one or other of those heads, there will be necessarily complications, and His Excellency the Governor in Council is satisfied that the arrangement under which contributions from various services, bearing a fair proportion to the outlay on works are made, is the best suited to the circumstances of this Presidency. I am to add that if even means could have been devised for complying with the instructions of the Government of India in respect to the preparation of a separate Irrigation Budget in the forms furnished, it would have been necessary to apply to Superintending Engineers for information, which, looking to the lateness of the date on which the orders of that Government were received, could not possibly be obtained in time to admit of the Budget for 1872-73 being framed in accordance with those forms.

4. Under these explanations it is hoped that the Government of India will be pleased to accept the Budget for the ensuing year in its present form.

G. O., No. 2,950, dated 22nd November 1871.

5. In their Circular of the 28th October 1871, No. 62, the Government of India made the following assignments to this Presidency for the official year on account of Imperial Public Works :—

		Rs.
Military		4,00,000
Agricultural ...	Ordinary	20,00,000
	Extraordinary ...	12,00,000
Civil Buildings ...	Telegraph	55,000
	Postal	15,000
Establishment for Military and other services		1,55,000
Tools and Plant for do. do.		25,000

6. The grants under Ordinary and Extraordinary Agricultural Works include the proportion of Establishment and Tools and Plant necessary for those works, as also the State outlay in connection with the Madras Irrigation and Canal Company.

7. The Imperial grant for Madras, excluding the estimated State outlay on Guaranteed Railways and in connection with the Madras Irrigation and Canal Company, has been distributed as follows:—

Heads of Service.	New Works.	Repairs.	Reserve.	Total.
	Rs.	Rs.	Rs.	Rs.
Ordinary.				
Military	1,40,000	2,20,000	40,000	4,00,000
Civil Buildings	52,500	4,500	13,000	70,000
Agricultural	1,30,000	12,00,000	1,20,200	14,50,200
Establishment	...	...	...	6,78,800
Tools and Plant...	...	...	...	35,000
Total...	3,22,500	14,24,500	1,73,200	26,34,000
Extraordinary.				
Works	8,77,000	...	...	8,77,000
Establishment	...	...	...	2,01,800
Tools and Plant	...	...	...	21,200
Total...	8,77,000	...	...	11,00,000
Grand Total...	11,99,500	14,24,500	1,73,200	37,34,000

8. The grant for Military Works in the ensuing year is Rupees 4,00,000 or a lakh of rupees less than the original grant, and Rupees 40,000 below even the reduced assignment for the current year. The papers communicated with the docket of this Government, No. 2,623, dated 14th October 1871, will have shown the difficulties which this Government have to contend with in meeting requisitions for funds on account of repairs to Military Works. Since the operation of the orders under which all charges on account of house-rent to Military and Medical Subordinates are met from repair funds, a large proportion of the repair grant is necessarily diverted from the legitimate objects for which it is needed, and while the grants for each year are being diminished and the charges are sensibly increasing it must be manifest that the maintenance of important Military buildings and the periodical repairs which are required not only to prevent their deterioration but which are absolutely essential on sanitary grounds must be unavoidably neglected. Year after year have this Government felt the necessity of making larger grants for the repair of Military buildings; but with the small assignments made to this Presidency this has been simply impossible, and for the ensuing year His Excellency the Governor in Council considers it inexpedient to allot a smaller sum than that for the current year although the aggregate grant under Military has been curtailed. Deducting then Rupees 2,20,200 for repairs, and allowing a margin of Rupees 40,000 for Minor Works and unforeseen demands, a balance of only Rupees 1,40,000 is left for meeting the requirements of the entire Presidency on account of new Military Works. The selection of works proposed to be carried out from this small grant has been made in communication with His Excellency the Commander-in-Chief. The demands under Military aggregate nearly 16 lakhs of Rupees as per list herewith sent, and I am to forward, for consideration, the accompanying letter from the Quartermaster General of the Army regarding the insufficiency of the Military assignment to this Presidency.

9. Referring to paragraph 13 of the letter from this Government, No. 3,045, dated 15th December 1870, I am to state that a recent analysis of the water of the Ulsoor Tank having shown that the filtered water has improved since its examination on former occasions, it has been deemed advisable to hold the project in abeyance pending the consideration of estimates of the total expenditure required for completing the Ulsoor and the Dhobies' Wells Projects separately. Those estimates have been received, and definite proposals will shortly be submitted. An allotment of Rupees 50,000 has been provided for the works in the Budget.

10. The building now occupied as a hospital for the 2nd Regiment Native Infantry at Waltair being dilapidated, the construction of a new building has been sanctioned, and the estimates prepared for this work are being revised in accordance with the standard plan recently received from the Government of India.

11. With reference to the provision made for the renewal of the Bakery at Bangalore, I am to forward the accompanying reports regarding the building, and to state that the subject is now engaging the attention of this Government.

12. Under Civil Buildings the works entered are those selected by the Government of India for execution during the ensuing year, and the amounts allotted for Minor Works and Repairs are those fixed by that Government.

13. Under Agricultural Extraordinary, the only unsanctioned works included are the following:—

Rooshkoolia Project in Ganjam.

Perryaur Project in Madura.

14. In the hope that the plans and estimates for these important projects will be ready for submission to the Government of India in the ensuing year provision has been made for them in the Budget.

15. Under Repairs, Imperial, the provision for 1872-73 is Rupees 14,24,500 distributed as follows :—

Districts.	Military.	Civil Buildings.	Agricultural.
	RS.	RS.	RS.
Ganjam	820	200	22,500
Vizagapatam	8,900	200	8,500
Godavery	.....	200	1,55,000
Kistna	700	200	75,900
Nellore	.....	200	56,000
Cuddapah	.....	200	70,000
Kurnool	25,000	200	20,000
Bellary	66,147	200	51,500
Presidency	24,350	200	3,000
Chingleput	3,610	100	95,000
North Arcot	.....	.....	1,10,000
South Arcot	2,850	200	1,11,500
Salem	44,405	500	35,000
Bangalore	.....	200	.....
Tanjore	9,618	200	1,45,000
Trichinopoly	400	200	71,000
Coimbatore	9,200	200	48,000
Neilgherries	20,000	200	.....
Malabar	.....	200	1,100
Wynaad	1,300	100	.....
South Canara	.....	200	.....
Madura	2,700	200	41,000
Tinnevelly			80,000
Total...	2,20,000	4,500	12,00,000

16. Considering the improbability of the new scheme of Public Works Establishments recently submitted to the Government of India being brought into operation in 1872-73, Part IV. of the Budget has been prepared with reference to the existing organization. The amount entered for Establishments is in round numbers Rupees 20,75,600 or Rupees 91,890 in excess of the estimate for the current year. This is due chiefly to the whole of the pay and allowances of Military Officers having to be met by this department under a recent ruling of the Financial Department of the Government of India, as also to the provision made on account of the pay of the Under Secretary in this Department, which appointment has, with the sanction of the Government of India, been revived. Of the sum of Rupees 20,75,600, Rupees 6,78,800 will be charged to Imperial, Ordinary, Rupees 2,01,800 to Extraordinary, and Rupees 11,95,000 to Provincial and Local. I am to enclose the orders of the Government, in the Financial Department, dated 15th January 1872, No. 30, for the information of the Government of India.

17. The estimate for Tools and Plant amounts in the aggregate to Rs. 56,200 as follows :—

	RS.
Ordinary including Rupees 10,000 for London supplies	35,000
Extraordinary	21,200
Total...	56,200

18. Part VI. or the Budget of State outlay on Guaranteed Companies amounts to Rupees 3,56,100.

19. The subjoined statement shows in one view the outlay proposed to be incurred from Imperial Funds during 1872-73 :—

Items.	Military.	Civil Buildings.	Agricultural, Ordinary.	Agricultural, Extraordinary.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Part II.—New Works ...	1,40,000	52,500	1,30,000	8,77,000	11,99,500
Grant for Minor Works ...	40,000	13,000	1,20,200	.....	1,73,200
Part III.—Repairs ...	2,20,000	4,500	12,00,000	... .	14,24,500
Total for New Works and Repairs	4,00,000	70,000	14,50,200	8,77,000	27,97,200
Part IV.—Establishments ...	.....	.....	.....	.....	8,80,600
Part V.—Tools and Plant ...	.....	.....	.....	.....	56,200
Part VI.—Madras Irrigation and Canal Company—State Outlay	.....	.....	.....	.....	16,000
Do. Railways—State Outlay.	.....	.....	.....	.....	3,40,100
Grand Total...	4,00,000	70,000	14,50,200	8,77,000	40,90,100

20. The Budget Estimate of Railways for 1872-73 has been forwarded with letter No. 166, dated 19th instant and that for State outlay in connection with the Madras Irrigation and Canal Company will be submitted immediately.

21. Referring to your letter of the 2nd January 1872, No. 4-A. G., I am to explain that as the information regarding the contributions from Provincial and Local Funds on account of works and establishments could not be furnished by the Financial Department until after the 15th instant, the completion of the Budget and the printing of it necessarily entailed delay, and its despatch on the 20th was therefore quite impracticable.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R. E.,
Secretary to Government.

Desp^h 30/1/70 with 1 C^py of Budget, 1 list of Build^g Works,
1 letter from the Sec^y to Gov^t, 1 C^py each Gov^t
2513 & 3203 of 1871, 1 C^py of Fin^l Cons 30/1872
and an Index in triplicate—
30 C^pies each of the letter, 30 of the Budget, 10 of the list of
Build^g buildings, 10 of the Sec^y to Govt's letter, 5 of the Fin^l
Cons 30/1872 & 10 C^pies of the Report for the table of the House of
Lords in a box on the 1st February 1872—

Main Heads of Service.	Minor Heads.	Works not commenced.		Incomplete Works.		Total of two previous columns.		Reserve.	Grand Total.
		Number.	Amount allotted.	Number.	Amount allotted.	Number.	Amount allotted.		
			Rs.		Rs.		Rs.	Rs.	Rs.
New Works	Military	12	88,000	2	52,000	14	1,40,000	40,000	1,80,000
	Civil buildings (Postal and Telegraph buildings) ...	2	52,500	...	.....	2	52,500	13,000	65,500
	Agricultural, Ordinary ...	...	.....	2	1,30,000	2	1,30,000	1,20,200	2,50,200
	Do. Extraordinary.	3	1,25,000	13	7,52,000	16	8,77,000	.....	8,77,000
	Total ...	17	2,65,500	17	9,34,000	34	11,99,500	1,73,200	13,72,700
Repairs	Military	...	.....	...	... ...	...	.....	.....	2,20,000
	Civil buildings (Postal and Telegraph buildings) ...	...	.....	...	.....	...	... ..	.....	4,500
	Agricultural, Ordinary ...	...	.....	...	.....	...	.....	.....	12,00,000
	Total...	...	.....	...	.....	...	.....	.....	14,24,500
Establishments exclusive of proportion chargeable to Provincial and Local Funds ...	.....	...	.....	...	... ...	...	.....	.....	8,80,600
Tools and Plant do. do. ...	.....	...	.. ...	...	.....	...	.....	.....	56,200
Madras Irrigation and Canal Company—State Outlay ...	.....	...	.....	...	.....	...	.....	.....	16,000
Railways	.....	...	.....	...	... ..	...	.....	.....	3,40,100
	Total ...	...	.....	...	.....	...	.....	.....	40,90,100

4. As the assignment under Military was a lakh of rupees below that originally made to this Presidency for the current year and Rupees 40,000 less than even the reduced grant for 1871-72, and as the demands for New Works aggregated nearly 16 lakhs, while the existing allotments for repairs were manifestly inadequate, it became necessary to request the opinion of His Excellency the Commander-in-chief on the best mode of utilizing the small grant for Original Works, and the works entered in the Budget are those which have been selected by His Excellency. The special attention of the Government of India will be drawn to the inadequacy of the Military assignment for Public Works; but it is necessary to inform Superintending Engineers that as the Reserve for 1872-73 is only Rupees 22,000 after deducting allotments placed at the disposal of Superintending Engineers for Minor New Works, their demands from that source after 1st April should be confined to absolutely indispensable requirements.

5. Under Civil Buildings the works entered in the Budget are those ordered by the Government of India to be included, and the provision for Minor Works and Repairs is that fixed by them.

6. A special representation has been made to the Government of India regarding the insufficiency of the grant for Agricultural Repairs. From the sum of Rupees 14,50,200 which is available for outlay on works it has not been practicable to make a larger allotment than that for the current year for Repairs, and as it is necessary to provide for the Madras Water Supply and Chembrumbaukum Projects from the ordinary grant, no provision has been made for the completion or commencement of any other irrigation works, and the question of allotting funds for them from the Reserve will be considered after 1st April next.

7. The following grants are authorized from the Reserve under Military and Agricultural to meet demands on account of Minor New Works:—

Districts.	Military.	Agricultural.	Total.
	RS.	RS.	RS.
Ganjam	.....	1,000	1,000
Vizagapatam	300	500	800
Godavery	300	6,000	6,300
Kistna	.....	5,000	5,000
Nellore...	.....	5,000	5,000
Cuddapah	.....	4,000	4,000
Kurnool	400	2,000	2,400
Bellary...	3,000	4,000	7,000
Presidency	3,000	.....	3,000
Chingleput	1,500	5,000	6,500
North Arcot	300	6,000	6,300
South Arcot	.....	6,000	6,000
Salem	200	2,000	2,200
Bangalore	3,000	.....	3,000
Tanjore	.....	10,000	10,000
Trichinopoly	1,700	3,000	4,700
Coimbatore	500	2,500	3,000
Neilgherries	1,000	.....	1,000
Malabar	2,000	500	2,500
South Canara	300	.....	300
Madura	.....	3,000	3,000
Tinnevelly	500	7,500	8,000
Total...	18,000	73,000	91,000

8. These sums will be at the disposal of local officers on the 1st April 1872, and deducting them from the total provision for Minor Works Imperial, the balances at the disposal of Government will be as follows:—

		Rs.
Military		22,000
Agricultural		47,200
Civil Buildings	Postal	10,000
	Telegraph	3,000
	Total	82,200

9. Under Repairs Imperial the aggregate Budget provision for 1872-73 is Rupees 14,24,500 distributed as follows:—

Districts.	Military.	Civil Buildings, Postal and Telegraph Departments.	Agricultural.
	Rs.	Rs.	Rs.
Ganjam	820	200	22,500
Vizagapatam	8,900	200	8,500
Godayery	.....	200	1,55,000
Kistna	700	200	75,900
Nellore	.....	200	56,000
Cuddapah	.....	200	70,000
Kurnool	25,000	200	20,000
Bellary	66,147	200	51,500
Presidency	24,350	200	3,000
Chingleput	3,610	100	95,000
North Arcot	.....	.....	1,10,000
South Arcot	2,850	200	1,11,500
Salem	44,405	500	35,000
Bangalore	.....	200	.....
Tanjore	9,618	200	1,45,000
Trichinopoly	400	200	71,000
Coimbatore	9,200	200	48,000
Neilgherries	20,000	200	.....
Malabar	.....	200	1,100
Wynaad	1,300	100	.....
South Canara	.....	200	41,000
Madura	2,700	200	80,000
Tinnevelly			
Total...	2,20,000	4,500	12,00,000

10. Considering the improbability of the new scheme of Public Works Establishments recently submitted to the Government of India being brought into operation in 1872-73, Part IV. of the Budget has been prepared with reference to the existing organization. The amount entered for Establishments is in round numbers Rs. 20,75,600 or Rupees 91,890 in excess of the estimate for the current year. This is due chiefly to the whole of the pay and allowances of Military Officers having to be met by this department under a recent ruling of the Financial Department, of the Government of India as also to the provision made on account of the pay of the Under Secretary in this Department, which appointment has, with the sanction of the Government of India, been revived. Of the sum of Rupees 20,75,600. Rupees 6,78,800 will be charged to Imperial, Ordinary, Rupees 2,01,800 to Extraordinary, and Rupees 11,95,00 to Provincial and Local.

11. The estimate for Tools and Plant amounts in the aggregate to Rupees 56,200 as follows:—

		Rs.
Ordinary	London Supplies	10,000
	Stores to be purchased and charges for repairs and carriage to be incurred in India	25,000
Extraordinary	do. do.	21,200
	Total ...	56,200

12. The distribution of the sum of Rupees 25,000 is as follows:—

Districts or Departments.	Supplies.								Repairs & carriage from place to place.	Grand Total.
	Surveying and Mathematical Instruments.	Machinery.	Plant.	Tools.	Office furniture.	Camp Equipage.	Live Stock.	Total.		
Ganjam	.....	.....	.....	200	.....	.....	.....	200	30	230
Vizagapatam	.....	.....	.....	200	.....	.....	.....	200	30	230
Godavery	.....	.....	.....	900	.....	.....	.....	900	50	950
Kistna	.....	.....	.....	500	.....	.....	.....	500	200	700
Nellore	.....	.....	.....	100	.....	.....	.....	100	100	200
Cuddapah	.....	.....	.....	150	.....	.....	.....	150	50	200
Kurnool	.....	.....	.....	150	.....	.....	.....	150	50	200
Bellary	.....	.....	.....	150	.....	.....	.....	150	50	200
Presidency	.....	.....	.....	.....	.....	.....	.....	.....	100	100
Chingleput	.....	.....	.....	150	110	50	.....	310	120	430
North Arcot	.....	.....	200	100	.....	.....	.....	300	100	400
South Arcot	.....	.....	.....	200	200	150	.....	550	50	600
Salem	.....	.....	.....	100	90	.....	.....	190	50	240
Bangalore	.....	.....	.....	30	.....	.....	.....	30	20	50
Tanjore	.....	.....	.....	500	.....	.....	.....	500	200	700
Trichinopoly	.....	.....	.....	200	.....	.....	.....	200	70	270
Coimbatore	.....	.....	.....	300	130	150	.....	580	150	730
Neilgherries	.....	.....	.....	250	.....	.....	.....	250	150	400
Malabar	.....	.....	.....	150	.....	.....	.....	150	70	220
Wynaad	.....	.....	.....	80	.....	.....	.....	80	100	180
South Canara	.....	.....	500	100	200	.....	.....	800	150	950
Madura	.....	.....	.....	240	...	.....	.....	240	100	340
Tinnevelly	.....	.....	.....	250	.....	.....	.....	250	150	400
Total...	.....	.....	700	5,000	730	350	.....	6,780	2,140	8,920
General Superintendent of the Public Works Store Department	1,030	.....	.....	.....	50	.....	.....	1,080	15,000	16,080
Grand Total...	1,030	.....	700	5,000	780	350	.....	7,860	17,140	25,000

13. The amounts included in the Budget on account of State Expenditure on Railways, and in connection with the Madras Irrigation and Canal Company are as follows:—

—	For Land.	For Establishment.	Total.
	Rs.	Rs.	Rs.
Railway Company	2,59,700	80,400	3,40,100
Madras Irrigation and Canal Company	11,000	5,000	16,000
Total...	2,70,700	85,400	3,56,100

14. The outlay proposed from Imperial Funds is shown in the following abstract:—

Items.	Military.	Civil Buildings.	Agricultural, Ordinary.	Agricultural, Extraordinary.	Total Imperial.
	Rs.	Rs.	Rs.	Rs.	Rs.
Part II.—New Works	1,40,000	52,500	1,30,000	8,77,000	11,99,500
Grant for Minor Works	40,000	13,000	1,20,200	.....	1,73,200
Part III.—Repairs	2,20,000	4,500	12,00,000	.....	14,24,500
Total for New Works and Repairs.	4,00,000	70,000	14,50,200	8,77,000	27,97,200
Part IV.—Establishments ...	.....	.....	.....	.....	8,80,600
Part V.—Tools and Plant ...	.....	.....	.....	.....	56,200
Part VI.—Madras Irrigation and Canal Company—State Outlay...	.....	.....	.....	.....	16,000
Do. Railways do. ...	.....	.....	.....	.....	3,40,100
Grand Total...	4,00,000	70,000	14,50,200	8,77,000	40,90,100

15. The funds that will be at the disposal of the Local Public Works Officers for expenditure after 1st April next are as noted below :—

Districts.	Original Works, Major.	Minor Works estimated at less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	25,000	1,000	23,520	230	49,750
Vizagapatam	15,830	800	17,600	230	34,460
Godavery	3,02,500	6,300	1,55,200	950	4,64,950
Kistna	1,20,000	5,000	76,800	700	2,02,500
Nellore	1,15,000	5,000	56,200	200	1,76,400
Cuddapah	.....	4,000	70,200	200	74,400
Kurnool	.....	2,400	20,200	200	22,800
Bellary	50,000	7,000	76,700	200	83,900
Presidency		3,000	69,347	100	1,22,447

Districts.	Original Works, Major.	Minor Works estimated at less than Rs. 500 each.	Repairs.	Tools and Plant.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.
Chingleput	1,42,860	6,500	1,19,550	430	2,69,340
North Arcot	.....	6,300	1,13,710	400	1,20,410
South Arcot	60,000	6,000	1,11,500	600	1,78,100
Salem	.....	2,200	38,050	240	40,490
Bangalore	92,020	3,000	44,905	50	1,39,975
Tanjore	1,16,000	10,000	1,45,200	700	2,71,900
Trichinopoly	3,380	4,700	80,818	270	89,168
Coimbatore	.....	3,000	48,600	730	52,330
Neilgherries	15,910	1,000	9,400	400	26,710
Malabar	.....	2,500	21,370	220	24,020
Wynaad	.....	.....	200	180	380
South Canara	.....	300	1,400	950	2,650
Madura	50,000	3,000	41,200	340	94,540
Tinnevelly	91,000	8,000	82,900	400	1,82,300
General Superintendent of the Public Works Store Department	.....	.....	.....	16,080	16,080
Total...	11,99,500	91,000	14,24,500	25,000	27,40,000

16. Budgets of works to be carried out from Provincial and Local Funds will be separately issued.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
,, Superintending Engineers.
To Major R. B. Kennedy.
To the Controller of Public Works Accounts.
,, Consulting Engineer for Railways.
,, General Superintendent of Public Works Stores and Workshops.
To Mr. R. Smith, Executive Engineer, on special duty.
To the Public, etc. Departments.
,, Revenue Department.
,, Military Department.
,, Board of Revenue.
,, Accountant-General.
Dr. Jt. Sec. to Govt. Public Instruction Section.

Despe 20/1/72.

Statement showing the distribution of Budget Grant for 1872/73—

Names of officers					When despatched
Superintending Engineer	1st	do	16	16	3d Feby/72
do	2d	do	19	19	do
do	3d	do	17	17	do
do	4	do	26	26	do
do	5th	do	11	11	do
do	6	do	13	13	do
do	7	do	19	19	do
do	8	do	11		do
Major R. B. Kennedy			4	4	do
Controller of Wrks			16	16	do
Consg Engineer for Railways			2	6	5 do
Agent & Manager for the Irn. Hse &c			2	4	5 do
Chief Secretary to Government			3	6	3d Feby/72
Secretary to Govt Revl dept			3	8	do
do	Milty dept		3	15	do
Master Attendant			2	3	5 do
Accountant General			3	3	5 do
Genl Supdt of Wrkhses &c			1	2	5 do
Municipal Commissioners					do
Board of Revenue			35	35	do
Inspector General of Police			3	6	do
Director of Pub. Instruction			1	3	do
R. Smith Esq, Lt Supt on Steamboats			1	1	do

Agent to the Madras Railway	1	.	5 Feby/72		
Chief Engineer for Irrigation	2	5	.	do	
Chief Engineer Mysore	2	"	"	do	
Lt Colonel the Secy to State for India					
Government of India	30	.	30	1st Feby/72	
do Home Dept	10			do	
Government of Bengal	5	"	5	do	
do of Bombay	5	.		do	
do of North West Provs	3	.		do	
Chief Engineer, Hyderabad	1	.		do	
		210			

From the Govt of India No 7 Pub Wks Dept
of 8th November 1871

From the Controller of W. Accounts No 2055
of 10th November 1871

The Government of India, in their Proceedings of the 19th September 1871 No 606, A. G desired that proposals might be submitted by Local Governments, for abolishing existing Public Works Establishments not strictly Imperial and Provincial, in the ratio of the expenditure incurred for

I enclose a letter from the Govt of India & the Report. No

L.D.S.

for dividing off the
charges for the salaries
of Superintending Engineers
and their Establishments
in the same way
for treating the Chief
Engineer and his Office
Establishment, as also
the office of Account
Imperial Provincial
funds being required
to contribute ratably towards
their cost. In a resolution
dated 3rd November 1871.
No. 7961 N. P. the Govt
of India in asking
that the proposals in
question may be submitted
in
in time to admit of
their being considered
in connection with the
Budget estimates for
1872/73 directed that
the provision in those
Budgets for Establish-
ments debitable to
Imperial funds should
be made as if the re-
signation above referred to
had been carried into
effect, and as if the
proposals which the
Governments and Ad-
ministrations have
been called upon to
submit had received
the approval of the
Government of India.
The

The Controller of Public Works Accounts in the accompanying letter dated 10th November 1871, No. 2055, reclaims that clearly shows how it is under the system in force in this Presidency that to divide the charges for Establishments in the manner pointed out by the Govt. of India, and the questions [illegible] accordingly submitted for orders [illegible]

Memorandum

The Imperial Budget Estimates for 1872-73 with draft of Order and letter to the Government of India is circulated for approval - As these Government of India request that the despatch of the Budget should not be delayed beyond the 20th instant, it has been considered advisable to prevent delay to have the drafts printed instead of circulating the Manuscripts - The order in the Financial Department making allotments on account of works and Establishments under Provincial and Local having been passed only on the 15th instant, the Imperial

Budget

Budget could not be completed

earlier -

Rec. 4791-4701. Dec.

Dpt. of {1872} Madras.

PUBLIC WORKS.

Chief Engineer for Irrigation

Date.

No. d. Encl.

G. O. 27 June 1872, No. 269 & 270

Nos. 519 & 560 & 561

Forwarding Public Works Budget Estimate 1872-73. Proceedings on Imperial Budget Estimate 1872-73.

Forwarding for sanction Pub. Works Budget Estimate 1872-73 of the Presidency for the year 1872-73.